

20040106.qrp v03_n157.qrl.20040106

Date: Tue, 6 Jan 2004 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3157

QRP-L Digest 3157

Topics covered in this issue include:

- 1) [164557] "echo" problem using NorCal keyer
by w6rq@comcast.net
- 2) [164558] AZ ScQRPions Paddle
by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
- 3) [164559] RE: American QRP Club News
by John Sielke <jsielke@pobox.com>
- 4) [164560] RE: dBm>V>Po Conversion Table
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 5) [164561] RE: [qrp-l] Amplifier questions
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 6) [164562] Re: QRP RTTY
by John Kalotai <n1olo@yahoo.com>
- 7) [164563] Re: OT: Car RFI on 2m
by "Lee Hopper" <leehopp@msn.com>
- 8) [164564] Re: QRP RTTY
by "DTX" <dtx@wood.tzo.com>
- 9) [164565] SPARTAN tonite
by "sslyon" <sslyon@megalink.net>
- 10) [164566] Fox Announcement
by kd5kxf <kd5kxf@classicnet.net>
- 11) [164567] FOX
by "Merton Nellis" <mertnellis@msn.com>
- 12) [164568] FS: DSWII-20
by Jeff Davis <jeff@ke9v.net>
- 13) [164569] RE: dBm>V>Po Conversion Table
by Karl Larsen <k5di@zianet.com>
- 14) [164570] FS: Miracle Whip antenna
by "NZ8J" <nz8j@woh.rr.com>
- 15) [164571] RE: dBm>V>Po Conversion Table
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 16) [164572] 44' DOUBLET ?
by Rick McKee <kc8aon@juno.com>
- 17) [164573] Re: FT-243 Xtal fo 30 meters
by "NZ8J" <nz8j@woh.rr.com>
- 18) [164574] Re: QRP RTTY
by John Kalotai <n1olo@yahoo.com>
- 19) [164575] A great second rig

- by Lee Mairs <lmairs@direcway.com>
- 20) [164576] Re: 44' DOUBLET ?
by "John Paul Keon" <jpkeon@nc.rr.com>
- 21) [164577] speaker needed
by Gary Lee <kb9zuv@arrl.net>
- 22) [164578] Spartan Sprint Was Kind to me!
by Bob KB2FEL <kb2fel@yahoo.com>
- 23) [164579] Spartan, Stingy?
by "sslyon" <sslyon@megalink.net>
- 24) [164580] Re: 44' DOUBLET ?
by "Dennis W. Farrell" <dennisw.farrell@verizon.net>
- 25) [164581] Re: 44' DOUBLET ?
by Hank Kohl K8DD <k8dd@arrl.net>
- 26) [164582] how to judge bands?
by sergio <sergio@village-buzz.com>
- 27) [164583] More Straight Key Promotion?
by "Dennis Payton" <n9jxy@earthlink.net>
- 28) [164584] Re: A great second rig
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 29) [164585] Re: 44' DOUBLET ?
by Karl Larsen <k5di@zianet.com>
- 30) [164586] Re: SPARTAN tonite
by "Dick Housden, W0NTA" <housden@comcast.net>
- 31) [164587] Re: 44' DOUBLET ?
by "John Paul Keon" <jpkeon@nc.rr.com>
- 32) [164588] Re: how to judge bands?
by "John J. McDonough" <wb8rcr@arrl.net>
- 33) [164589] Michigan QRP Net
by kwike@gdls.com
- 34) [164590] The ARRL survey is gone.
by Alex <kr1st@amsat.org>
- 35) [164591] Re: 44' DOUBLET ?
by "Lew Paceley" <lew@paceley.com>
- 36) [164592] Re: The ARRL survey is gone.
by w9ya <w9ya@arrl.net>
- 37) [164593] Re: The ARRL survey is gone.
by <swells244@bellsouth.net>
- 38) [164594] Re: The ARRL survey is gone.
by Brian <brian@iquest.net>
- 39) [164595] Re: The ARRL survey is gone.
by Brian <brian@iquest.net>
- 40) [164596] Re: The ARRL survey is gone. - qrp item
by w5xe@juno.com
- 41) [164597] RE: The ARRL survey is gone.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 42) [164598] Re: The ARRL survey is gone.
by Michael Neverdosky <mikenever@earthlink.net>
- 43) [164599] Re: The ARRL survey is gone.

- by John Oppenheimer <KN5L@gte.net>
- 44) [164600] Re: how to judge bands?
by "Goody K3NG" <k3ng@qrpis.org>
- 45) [164601] Followup on YAHOO as SPAM...
by Ed Tanton <n4xy@earthlink.net>
- 46) [164602] WTCPT Tips
by "John Bohnert" <johnb@elmhurst.edu>
- 47) [164603] Re: WTCPT Tips
by Lee Boulineau <n4mvl@yahoo.com>
- 48) [164604] Re: WTCPT Tips
by Arthur Tan <ab4rl@lomag.net>
- 49) [164605] Re: how to judge bands?
by Steven Weber <kd1jv@moose.ncia.net>
- 50) [164606] Re: The ARRL survey is gone.
by w9ya <w9ya@arrl.net>
- 51) [164607] Re: how to judge bands?
by Curt Milton <wb8yyy@yahoo.com>
- 52) [164608] Re: The ARRL survey is gone.
by w9ya <w9ya@arrl.net>
- 53) [164609] RE: The ARRL survey is gone.
by Curt Milton <wb8yyy@yahoo.com>
- 54) [164610] Re: A great second rig
by Lee Mairs <lmairs@direcway.com>
- 55) [164611] Re: WTCPT Tips
by Ed Tanton <n4xy@earthlink.net>
- 56) [164612] RE: The ARRL survey is gone.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 57) [164613] Re: The ARRL survey is gone.
by Lee Mairs <lmairs@direcway.com>
- 58) [164614] RE: A great second rig
by Adam Farson <farson@shaw.ca>
- 59) [164615] Re: The ARRL survey is gone.
by Lloyd Lachow <llachow@yahoo.com>
- 60) [164616] RE: The ARRL survey is gone.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 61) [164617] Source for HP 8640B Sig Gen Manual
by w2bvh <w2bvh@comcast.net>
- 62) [164618] Re: The ARRL survey is gone.
by "George, W5YR" <w5yr@att.net>
- 63) [164619] RE: The ARRL survey is gone.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 64) [164620] Bad WM-2 Movement?
by Shawn Upton <kb1ckt@yahoo.com>
- 65) [164621] Re: WTCPT Tips
by Arthur Tan <ab4rl@lomag.net>
- 66) [164622] RE: The ARRL survey is gone.
by "laura halliday" <marsgal42@hotmail.com>
- 67) [164623] RE: The ARRL survey is gone.

by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
68) [164624] RE: The ARRL survey is gone.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
69) [164625] Re: Tubes? and GT??
by brewerj@squared.com
70) [164626] (OT) VX-2 Programming Cable
by <k6whp@verizon.net>
71) [164627] Re: Bad WM-2 Movement?
by Shawn Upton <kb1ckt@yahoo.com>
72) [164628] Re: The ARRL survey is gone.
by "George, W5YR" <w5yr@att.net>
73) [164629] Re: The ARRL survey is gone.
by Alex <kr1st@amsat.org>
74) [164630] Re: A great second rig
by "Walt Amos" <waltk8cvamos@aaaahawk.com>
75) [164631] RE: (OT) VX-2 Programming Cable
by Mark Schoonover <schoon@amgt.com>
76) [164632] Re: 44' DOUBLET ?
by "Mike Yetsko" <myetsko@insydesw.com>
77) [164633] Re: Bad WM-2 Movement?
by "John" <digi2@earthlink.net>
78) [164634] Re: WTCPT Tips
by "Mike Yetsko" <myetsko@insydesw.com>
79) [164635] Spartan Sprint
by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
80) [164636] Re: Bad WM-2 Movement?
by Peter Burbank <peterlee@qx.net>
81) [164637] QRP via ALC on TS-430S
by James R Giammanco <n5ib@juno.com>
82) [164638] Tuning Knobs
by "Royce Simmons" <w2rnb@frontiernet.net>
83) [164639] Re: how to judge bands?
by Stephen Wandling <stephen@SwiftsureConsulting.com>
84) [164640] Re: QRP Gear
by Curt Milton <wb8yyy@yahoo.com>
85) [164641] Re: how to judge bands?
by Karl Larsen <k5di@zianet.com>
86) [164642] Re: how to judge bands?
by "sjolin" <sjolin@swbell.net>
87) [164643] Re: Tubes? and GT??
by "George, W5YR" <w5yr@att.net>
88) [164644] RE: how to judge bands?
by "Mark Fancher" <mfancher@fuse.net>
89) [164645] Re: Bad WM-2 Movement?
by "Bill Acito W1PA" <w1pa@hotmail.com>
90) [164646] Drilled and Plain BLT Cases Available
by "Doug Hendricks" <ki6ds@dospalos.org>
91) [164647] RE: The ARRL survey is gone.

by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
92) [164648] "light-emitting transistor that could revolutionize the electronics industry"
by Ed Tanton <n4xy@earthlink.net>
93) [164649] RE: The ARRL survey is gone.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
94) [164650] Re: The ARRL survey is gone.
by <bill@n4qa.com>
95) [164651] Re: Drilled and Plain BLT Cases Available
by "George, W5YR" <w5yr@att.net>
96) [164652] Correction on PayPal address for BLT Cases
by "Doug Hendricks" <ki6ds@dospalos.org>
97) [164653] Re: More Straight Key Promotion?
by Bruce Muscolino <w6toy@erols.com>
98) [164654] Re: "light-emitting transistor that could revolutionize the electronics industry"
by Bruce Muscolino <w6toy@erols.com>
99) [164655] ARRL Survey
by "Paul Womble" <pwomble@earthlink.net>

Date: Mon, 05 Jan 2004 22:55:38 +0000
From: w6rq@comcast.net
To: qrp-l@lehigh.edu
Subject: [164557] "echo" problem using NorCal keyer
Message-ID: <010520042255.11509.611f@comcast.net>

Hello QRP-Lers,

This subject may have already been discussed in this forum. If so, my apologies. I did a quick search of the archives but didn't find discussion of this problem.

After building the NorCal keyer kit (Version 2) and trying it on the air with an ICOM 730 and Bencher paddle, my friend reported that my dits and dahs would sometimes sound like they were run together (he described it as sounding like an "echo", i.e. not crisp CW). I had a similar report from him when using an MFJ Econo-Keyer. I don't have this problem with a LogicKey keyer with my rig.

Has this problem been reported by others, and any suggestions for a fix?

Thanks in advance.

73 de Curt W6RQ

Date: Mon, 5 Jan 2004 18:06:57 -0500
From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [164558] AZ ScQRPions Paddle
Message-ID: <000501c3d3e0\$9e8a3aa0\$9e6d1f18@BandE>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My AZ ScQRPions Paddle # 230 now making music!!!!!! A fine little kit,
thanks AZ ScQRPions.

72
Brent WB4X

Date: Mon, 05 Jan 2004 18:20:47 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [164559] RE: American QRP Club News
Message-ID: <3FF9F14F.40601@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> No, it just means we can add yet another number to our taglines. :-D
>
> 72, oo
> Dan, N8IE

Number? What number? I have 9 issues of Homebrewer coming from my old
Norcal and NJQRP subscriptions, but I didn't get no steenkin' number!

John W2AGN

Date: Mon, 5 Jan 2004 18:31:05 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-1@lehigh.edu>

Subject: [164560] RE: dBm>V>Po Conversion Table
Message-ID: <721D3436A7C2B344A301FD4A413C71A9025123EE@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

One can also use the formula:

$\text{dBm} = 30 + 10 \cdot \log_{10} (\text{volts}^2 / 50)$
 $\text{dBW} = 10 \cdot \log_{10} (\text{volts}^2 / 50)$

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Ed Tanton
> Sent: Monday, January 05, 2004 4:30 PM
> To: Low Power Amateur Radio Discussion
> Subject: dBm>V>Po Conversion Table
>=20
>=20
> I can't remember if I have posted this before... but even if=20
> I have, it=20
> bears repeating: a great dBm - Volts - Power Conversion Table=20
> that prints=20
> as a single page PDF can be found in the MiniCircuits website at URL=20
> <<http://www.minicircuits.com/dg03-110.pdf>> .
>=20
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
>=20
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>=20
> website: <http://www.n4xy.com>

>=20
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>=20
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>=20
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>=20
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> -----
>=20
>=20
>=20

Date: Mon, 5 Jan 2004 19:34:09 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <millered@magnet.fsu.edu>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [164561] RE: [qrp-l] Amplifier questions
Message-ID: <002d01c3d3f5\$2eb83be0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of ed miller
Subject: [qrp-l] Amplifier questions

"Both of the questions concern an inductor in the collector circuit."

It sounds like you're speaking of a 4:1 bifilar transformer. If so, it
transforms 50 ohms to 200 ohms, not 800.

This is a admittedly a little confusing, because usually transformers

are described in terms of their turns ratios, with is the same as the voltage and current transformation ratios. The impedance transformation ratio is the square of this number. However, for transformers whose primary purpose is impedance transformation, you'll see them referred to by that number. Hence, 4:1 means 4:1 impedance ratio, or 2:1 voltage/current/turns ratio. Wow, that sounds confusing.

"If the 4:1 transformer has an X_L at a particular frequency why does it transform the 50 Ohm load up to 800 Ohms as opposed to transforming the X_L value down by a factor of 16?"

Well, in general they can. You can use them in either direction. It may be a little trickier connection with the bifilar 4:1, since it's also providing a DC path to the collector.

"This fact is gleaned from EMIFRD. Also why is a step-down transformer used for impedance matching when it has a 4:1 voltage reduction? By my calculations this is a 12dB reduction, somewhat self-defeating."

First, in this specific case (a 4:1 voltage ratio) you DO have a 16:1 impedance transformation.

Now, for your question. Voltage gain isn't equivalent to power gain. A transformer can provide voltage gain, but not power gain. So that's not the purpose. The purpose is to provide an impedance match, or sometimes not a match but an impedance that gives the desired amplifier operation. In this case, The voltage reduction is moot. The key is that the transformation allowed presenting the correct impedance to the amplifier. Remember that the 4:1 reduction in voltage was accompanied by a 4:1 increase in current, so in terms of power, you broke even with the transformer. But you came out ahead by showing the amplifier the required load.

Sounds like a good project. Keep us posted.

72--Nick, WA5BDU

Thank you for reading
Ed KC4MHM

Date: Mon, 5 Jan 2004 16:06:48 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: nielsen@oz.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164562] Re: QRP RTTY
Message-ID: <20040106000648.22469.qmail@web80007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Both MMTTY and Hamscope have the ability to transmit true FSK RTTY. I personally use my 817, Nomic and MMTTY using AFSK RTTY. In fact I was quite successful during the 4th of July Weekend in a RTTY contest. I ran about 35 q's per hour.

--- Bob Nielsen <nielsen@oz.net> wrote:
> On Mon, Jan 05, 2004 at 07:37:17PM -0000, Paul J Mackanos, Jr.
> wrote:
> > I would like to play around with RTTY. I have absolutely NO
> experience with
> > the mode, but it sure looks interesting. Can anyone help me out
> with what I
> > have to do to modify or use the Red Hot 20. I have been advised
> to use MMTTY
> > as a software program, and I have a laptop with a sound card.
> What else do I
> > have to do ? The manual talks about data modes, so I thought I
> would ask
> > here and not flop around trying to invent a wheel.
> > Thanks, Paul K2DB
>
> You will need to adjust TC6 such that the RH NC-20 receives on
> lower
> sideband. To transmit, you will need to add circuitry to get a 170
> Hz
> shift when keyed by a space signal. This could easily be
> accomplished
> by switching in a voltage offset to U1 similar to the way RIT is
> accomplished.
>
> However, I am not familiar with MMTTY and don't know if it, or any
> of
> the sound card RTTY programs have provision for direct FSK keying,
> as

> opposed to AFSK (they are normally intended for use with SSB
> radios).
> That might be a stumbling block.
>
> Bob, N7XY

Date: Mon, 5 Jan 2004 16:11:42 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: <kb1ckkt@yahoo.com>, "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [164563] Re: OT: Car RFI on 2m
Message-ID: <BAY4-DAV52JeoIXMB4300021958@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Shawn -

Thanks for the update - the rest of the story is always nice to get.

Forgive me if you already know this, but for the next step you might try the chopstick technique: with the radio on and the cover off, poke at components until you find the offending one. This has worked well in the past.

73 -

Lee Hopper, NB7F

Shawn wrote in part:

> ...I found that the noise only existed
> when the radio was turned on...

Date: Mon, 5 Jan 2004 16:17:18 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [164564] Re: QRP RTTY
Message-ID: <00d401c3d3ea\$721b36e0\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, some programs will drive one of the serial com ports RTS or DTR lines. Not all, but some. I happen to have settled on MixW2 currently and it shows (or atleast alludes to) doing this in the configuration menus.

Most of us digi-types are using SSB transceivers for the other modes, which IMHO do much better with 10W PEP than RTTY will, so I have never tried using that feature. I have used RTTY with the AFSK mode during contests to add contacts for those serious RTTY folks ;-)

Gary WA6DTX

----- Original Message -----

From: "Bob Nielsen" <nielsen@oz.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, January 05, 2004 1:31 PM

Subject: Re: QRP RTTY

> On Mon, Jan 05, 2004 at 07:37:17PM -0000, Paul J Mackanos, Jr. wrote:
> > I would like to play around with RTTY. I have absolutely NO experience
with
> > the mode, but it sure looks interesting. Can anyone help me out with
what I
> > have to do to modify or use the Red Hot 20. I have been advised to use
MMTTY
> > as a software program, and I have a laptop with a sound card. What else
do I
> > have to do ? The manual talks about data modes, so I thought I would ask
> > here and not flop around trying to invent a wheel.
> > Thanks, Paul K2DB
>
> You will need to adjust TC6 such that the RH NC-20 receives on lower
> sideband. To transmit, you will need to add circuitry to get a 170 Hz
> shift when keyed by a space signal. This could easily be accomplished
> by switching in a voltage offset to U1 similar to the way RIT is
> accomplished.
>
> However, I am not familiar with MMTTY and don't know if it, or any of
> the sound card RTTY programs have provision for direct FSK keying, as
> opposed to AFSK (they are normally intended for use with SSB radios).
> That might be a stumbling block.
>
> Bob, N7XY

Date: Mon, 5 Jan 2004 19:27:16 -0500

From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [164565] SPARTAN tonite
Message-ID: <000b01c3d3eb\$d696fae0\$13c8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be doing Spartan Sprint tonite for the first time in a long time... and outside, in prep for FYBO. XYL got me a nice lightweight portable "ice fishing house" that I dragged up the trail and set up directly below my 176' c.f., in about a foot of snow. Got on 20m just at dark and worked W0NTA in CO before I got too cold to key straight.

Same rig: "AT Sprint", 4W, 8 AAA's in my pocket and "Spaddle".
Temp will be around 22 deg. F. and light snow.

Will dress warm and get back up there to test some more (20m & 40m) before the start. Hope to see a good showing!

72
seab
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Mon, 5 Jan 2004 18:37:23 -0600
From: kd5kxf <kd5kxf@classicnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164566] Fox Announcement
Message-ID: <200401051837.23739.kd5kxf@classicnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hello Hounds!!!

I will be one of the foxes tomorrow and near as I can tell, I will be somewhere in the 40 meter CW portion of the band and listening up or down from my freq from 500 to 2 either direction.

You all know the drill... I will ask for fills if I need them and when I blow it (not when...) I will send AGN BK. Usual exchange will apply...
Callsign Rst SPC Name Pwr

I did get an antler back up and will be looking to do some business at 8pm CST... You folks in the Zulu timezone can work out your own conversions on that one... See you at the 40 meter trough, lets hope propagation is good!!!!

--

Mike Malone
KD5KXF
Balch Springs, Texas
FP 214

Date: Mon, 05 Jan 2004 18:33:42 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: qrp-1@lehigh.edu
Subject: [164567] FOX
Message-ID: <BAY3-F27wBGHijygFd0003c894@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hello Hounds,

If you can take time from voting, try hunting foxes Tues. Eve on 40M near 7.040 at 0200Z (Wed). My e-mail to the other FOX, KD5KXF bounced so didn't get coordinated with Mike but I will be qrv probably near 7.042. If things change, I will make another post.

Hope conditions are better than last week. Please give it a try.

72 Mert W0UFO

w0ufo@arrl.net

Tired of slow downloads? Compare online deals from your local high-speed providers now. <https://broadband.msn.com>

Date: Mon, 5 Jan 2004 19:35:20 -0500
From: Jeff Davis <jeff@ke9v.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [164568] FS: DSWII-20
Message-ID: <20040106003520.GE3688@comcast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Unbuilt, still in box DSWII-20 kit.

\$140 shipped CONUS.

--
Jeff

Date: Mon, 5 Jan 2004 18:24:19 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164569] RE: dBm>V>Po Conversion Table
Message-ID: <Pine.LNX.4.44.0401051815190.5295-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jan 2004, Hare,Ed, W1RFI wrote:

> One can also use the formula:
>
> $\text{dBm} = 30 + 10 \cdot \log_{10} (\text{volts}^2 / 50)$
> $\text{dBW} = 10 \cdot \log_{10} (\text{volts}^2 / 50)$
>

Grest Ed. I guess just the ^ needs expalnation that it means
"raise volts to the second power". I often use

30 + 10*log10 (volts*volts / 50) since ^ is not used a
lot.

>
> 73,
> Ed Hare, W1RFI

> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
>
>
> > -----Original Message-----
> > From: owner-qrp-l@Lehigh.EDU
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> > Ed Tanton
> > Sent: Monday, January 05, 2004 4:30 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: dBm>V>Po Conversion Table
> >
> >
> > I can't remember if I have posted this before... but even if
> > I have, it
> > bears repeating: a great dBm - Volts - Power Conversion Table
> > that prints
> > as a single page PDF can be found in the MiniCircuits website at URL
> > <<http://www.minicircuits.com/dg03-110.pdf>> .
> >
> > 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
> >
> > Ed Tanton N4XY
> > 189 Pioneer Trail
> > Marietta, GA 30068-3466
> >
> > website: <http://www.n4xy.com>
> >
> > All emails <IN> & <OUT> checked by
> > Norton AntiVirus with AutoProtect
> >
> > LM: ARRL QCWA AMSAT & INDEXA;
> > SEDXC NCDXA GACW QRP-ARCI
> > OK-QRP QRP-L #758 K2 (FT) #00057
> >
> > -----
> > "He that gives up a little liberty to gain
> > temporary security will lose both and
> > deserve neither".
> > --Benjamin Franklin
> >
> > "Suppose you were an idiot ...
> > and suppose you were a member of

> > Congress... but I repeat myself."

> > --Mark Twain

> > -----

> >

> >

> >

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 5 Jan 2004 20:19:03 -0500

From: "NZ8J" <nz8j@woh.rr.com>

To: <qrp-l@Lehigh.EDU>

Subject: [164570] FS: Miracle Whip antenna

Message-ID: <003f01c3d3f3\$12699990\$6400a8c0@NZ8J>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I traded my FT-817 before the Miracle Whip antenna arrived, so it's up for sale. I bought it used, but it looks as new in the original box with the manual. eHam has reviews, some are good, some not so good. I guess it depends on what you would expect from a small portable antenna. Anyhow they usually sell for about \$120 or so, I'll ship it in the lower 48 for \$78, or might consider trading it for a decent single band 40 meter qrp rig. Here is a link to more information about the antenna

<http://www.universal-radio.com/catalog/hamantht/3256.html>

Thanks

Tim

NZ8J

Date: Mon, 5 Jan 2004 20:21:22 -0500

From: "Hare,Ed, W1RFI" <w1rifi@arrl.org>

To: "Karl Larsen" <k5di@zianet.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [164571] RE: dBm>V>Po Conversion Table

Message-ID: <721D3436A7C2B344A301FD4A413C71A9025123FB@kosh.arrlhq.org>

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Thanks, Carl. You can tell which of the two of us is an old Basic =
programmer! Using ^2 is just second nature to me!

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Karl Larsen [mailto:k5di@zianet.com]
> Sent: Monday, January 05, 2004 8:24 PM
> To: Hare,Ed, W1RFI
> Cc: Low Power Amateur Radio Discussion
> Subject: RE: dBm>V>Po Conversion Table
>=20
>=20
> On Mon, 5 Jan 2004, Hare,Ed, W1RFI wrote:
>=20
> > One can also use the formula:
> >=20
> > dBm =3D 30 + 10*log10 (volts ^ 2 / 50)
> > dBW =3D 10*log10(volts^2/50)
> >=20
>=20
> Grest Ed. I guess just the ^ needs expalnation that it means=20
> "raise volts to the second power". I often use=20
>=20
> 30 + 10*log10 (volts*volts / 50) since ^ is not used a=20
> lot.
>=20
>=20
>=20
>=20
> >=20
> > 73,=20
> > Ed Hare, W1RFI

> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
> >=20
> >=20
> >=20
> > > -----Original Message-----
> > > From: owner-qrp-l@Lehigh.EDU=20
> > > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
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> > > To: Low Power Amateur Radio Discussion
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> > > website at URL=20
> > > <<http://www.minicircuits.com/dg03-110.pdf>> .
> > >=20
> > > 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
> > >=20
> > > Ed Tanton N4XY
> > > 189 Pioneer Trail
> > > Marietta, GA 30068-3466
> > >=20
> > > website: <http://www.n4xy.com>
> > >=20
> > > All emails <IN> & <OUT> checked by
> > > Norton AntiVirus with AutoProtect
> > >=20
> > > LM: ARRL QCWA AMSAT & INDEXA;
> > > SEDXC NCDXA GACW QRP-ARCI
> > > OK-QRP QRP-L #758 K2 (FT) #00057
> > >=20
> > > -----
> > > "He that gives up a little liberty to gain
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> > > deserve neither".
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> > >=20
> > > "Suppose you were an idiot ...

> > > and suppose you were a member of
> > > Congress... but I repeat myself."
> > > --Mark Twain
> > > -----
> > >=20
> > >=20
> > >=20
> >=20
>=20
> --=20
> =20
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>=20
>=20

Date: Mon, 5 Jan 2004 20:27:13 -0500
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@fpqrp.com, qrp-1@Lehigh.EDU
Subject: [164572] 44' DOUBLET ?
Message-ID: <20040105.202717.9998.0.kc8aon@juno.com>

I was just playing with a program that I downloaded sometime back that is called "Dipole1.exe" - don't remember where I downloaded it ! The program lets you enter things like dipole length, feedline length, dipole height, feedline impedance and velocity factor, frequency of operation etc etc, and then it gives you info like swr at the input of the feedline, efficiency of the dipole etc.

I put the 44' doublet into the program with 40' of cheap 300 ohm tv twinlead at a height of 40' for 10.110 mhz operation, and the program figured this to show a 1.1:1 swr at the rig end of the twinlead, with 89.4% efficiency !

A resonant dipole for 10.110 mhz with 50 ohm feedline at the same height only shows an efficiency of about 75% !

The question I have is, has anyone ever tried the 44' doublet fed with 300 ohm twinlead on 30 meters without using a tuner ? If this program is telling the truth, it may be a simple way to squeeze a little more efficiency out of a simple 30 meter antenna without the need for the tuner ! Plus, the tuner could be used with it for bands above 30 meters ! Any of you antenna gurus out there that knows how to use "real" antenna modeling programs ever run this sort of thing on ezec or other programs ?

And I know there are some out there that will say this won't work for

some reason or other, so for you folks: No one ever told the bumble bee that it was scientifically impossible for him to fly either ! {{{grin}}}

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718,
MQFD #1

For info on MQFD, go to: <http://www.smartgroups.com/groups/mqfd>
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

The best thing to hit the internet in years - Juno SpeedBand!
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Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 5 Jan 2004 21:11:03 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: "NZ8J" <nz8j@woh.rr.com>, <qrp-1@Lehigh.EDU>
Subject: [164573] Re: FT-243 Xtal fo 30 meters
Message-ID: <007601c3d3fa\$566748c0\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a FT-243 xtal for 30 meters. Would like one for 10.106, but would take one close to that frequency. I want it for my Lectrokit transceiver. I have one for 10.121 but would like the second one closer to the QRP calling freq. If you have one for sale please let me know what you would want for it shipped to zip 45324.

Thanks
Tim
NZ8J

Date: Mon, 5 Jan 2004 18:58:11 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: dtx@wood.tzo.com,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [164574] Re: QRP RTTY
Message-ID: <20040106025811.58242.qmail@web80007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

All the before mentioned programs use either RTS or DTR to key PTT. Some, like MMTTY, use both. All the programs use the TXD line on the the serial port for FSK keying.

You will need both the RTS/DTR and the TXD control for FSK RTTY.

John N10LO

--- DTX <dtx@wood.tzo.com> wrote:
> Yes, some programs will drive one of the serial com ports RTS or
> DTR lines.
> Not all, but some. I happen to have settled on MixW2 currently and
> it shows
> (or atleast alludes to) doing this in the configuration menus.
>
> Most of us digi-types are using SSB transceivers for the other
> modes, which
> IMHO do much better with 10W PEP than RTTY will, so I have never
> tried using
> that feature. I have used RTTY with the AFSK mode during contests
> to add
> contacts for those serious RTTY folks ;-)
>
> Gary WA6DTX
> ----- Original Message -----
> From: "Bob Nielsen" <nielsen@oz.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Monday, January 05, 2004 1:31 PM
> Subject: Re: QRP RTTY
>
>
> > On Mon, Jan 05, 2004 at 07:37:17PM -0000, Paul J Mackanos, Jr.
> wrote:
> > > I would like to play around with RTTY. I have absolutely NO
> experience
> with
> > > the mode, but it sure looks interesting. Can anyone help me out
> with
> what I
> > > have to do to modify or use the Red Hot 20. I have been advised

> to use
> MMTTY
> > > as a software program, and I have a laptop with a sound card.
> What else
> do I
> > > have to do ? The manual talks about data modes, so I thought I
> would ask
> > > here and not flop around trying to invent a wheel.
> > > Thanks, Paul K2DB
> >
> > You will need to adjust TC6 such that the RH NC-20 receives on
> lower
> > sideband. To transmit, you will need to add circuitry to get a
> 170 Hz
> > shift when keyed by a space signal. This could easily be
> accomplished
> > by switching in a voltage offset to U1 similar to the way RIT is
> > accomplished.
> >
> > However, I am not familiar with MMTTY and don't know if it, or
> any of
> > the sound card RTTY programs have provision for direct FSK
> keying, as
> > opposed to AFSK (they are normally intended for use with SSB
> radios).
> > That might be a stumbling block.
> >
> > Bob, N7XY
>
>

Date: Mon, 05 Jan 2004 22:57:01 -0500
From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [164575] A great second rig
Message-ID: <0a5601c3d409\$274ce1d0\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

If you are looking for something to back up your 2N2-40, then this might be the thing for you.
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3069724259&category=40066>
No interest other than a happy IC 751A (and the A is important!) owner.
73 de Lee

KM4YY/8

Date: Mon, 5 Jan 2004 23:28:25 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <kc8aon@juno.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [164576] Re: 44' DOUBLET ?
Message-ID: <016501c3d40d\$87f2b740\$6601a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Rick,
If you figure out where you got that program,
dipole1.exe let us know. That would be nice to have.

John Paul, Raleigh, NC [AB4PP]//NNN UTV
"Sir Scribemeister" of the Knightlites
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."
----- Original Message -----
From: "Rick McKee" <kc8aon@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 05, 2004 8:27 PM
Subject: 44' DOUBLET ?

I was just playing with a program that I downloaded sometime back that is
called "Dipole1.exe" - don't remember where I downloaded it ! The
program lets you enter things like dipole length, feedline length, dipole
height, feedline impedance and velocity factor, frequency of operation
etc etc, and then it gives you info like swr at the input of the
feedline, efficiency of the dipole etc.

I put the 44' doublet into the program with 40' of cheap 300 ohm tv
twinlead at a height of 40' for 10.110 mhz operation, and the program
figured this to show a 1.1:1 swr at the rig end of the twinlead, with
89.4% efficiency !

A resonant dipole for 10.110 mhz with 50 ohm feedline at the same height
only shows an efficiency of about 75% !

The question I have is, has anyone ever tried the 44' doublet fed with

300 ohm twinlead on 30 meters without using a tuner ? If this program is telling the truth, it may be a simple way to squeeze a little more efficiency out of a simple 30 meter antenna without the need for the tuner ! Plus, the tuner could be used with it for bands above 30 meters ! Any of you antenna gurus out there that knows how to use "real" antenna modeling programs ever run this sort of thing on ezrec or other programs ?

And I know there are some out there that will say this won't work for some reason or other, so for you folks: No one ever told the bumble bee that it was scientifically impossible for him to fly either ! {{{grin}}}

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718,
MQFD #1

For info on MQFD, go to: <http://www.smartgroups.com/groups/mqfd>
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

The best thing to hit the internet in years - Juno SpeedBand!
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Date: Mon, 05 Jan 2004 23:58:15 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [164577] speaker needed
Message-ID: <5.2.0.9.2.20040105235618.0261b4d0@pop.ameritech.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sorry for the ot posting.

I would like to find the rectangular speaker for a clegg fm-76 220 mobile.
I am told that this is also the midland 13-509. This is an 8 ohm speaker
about 2.75 by 1.5 inches.
Rs here has nothing.

THanks for any help you can give.

Date: Mon, 5 Jan 2004 21:12:46 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164578] Spartan Sprint Was Kind to me!
Message-ID: <20040106051246.27775.qmail@web60505.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,

For those of you who gave me points tonight, Thanks!
Sorry to those of you I could not pull out.

80m was open and gave me 24 states and 2 Canada.

TNX ARS had a blast!!

72
Bob
KB2FEL/8

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 00:31:51 -0500
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [164579] Spartan, Stingy?
Message-ID: <000f01c3d416\$639fec60\$13c8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It must have been something with my rig... sigs were very sparse
and way down in strength... BUT
I couldn't believe it when I heard KH6B come back to my 2nd CQ
on 20m! On 40m I could hit CA, WA, NM no problem, but heard very
few stations in all. Total count:

Band	QSO's	S/P/C
20	2	2
40	30	15

The output on the Sprint was down from 4.5W to just below 3W at the end, so the AAA's are doing the job -but just squeaking by. Gotta check out the RX section tho, unless others report condx similar to mine.

It was 22 deg. F in my new ice fishing shack directly under the antenna, and I used the "Mainer's Tux" (Carhart Quilted Coveralls) and chemical hand warmers in my gloves to maintain tolerable comfort. Some fine tuning and I'll be ready for FYBO... whenever that happens. Thanks all for the Q's, and many thanks again to ARS.

73

seab

aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Mon, 05 Jan 2004 21:33:21 -0800
From: "Dennis W. Farrell" <dennisw.farrell@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164580] Re: 44' DOUBLET ?
Message-ID: <6.0.1.1.0.20040105212639.027c2d00@incoming.verizon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

What you're looking for may have become DIPOLE3. Take a look under that name of:

<http://www.btinternet.com/~g4fgq.regp/page3.html#S301>

-- W6DWF

At 1/5/2004 20:28, John Paul Keon wrote:

>Rick,

>If you figure out where you got that program,

>dipole1.exe let us know. That would be nice to have.

>
>John Paul, Raleigh, NC [AB4PP]//NNN UTV

Date: Tue, 06 Jan 2004 00:50:55 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: jpkeon@nc.rr.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [164581] Re: 44' DOUBLET ?
Message-ID: <6.0.1.1.2.20040106004749.0291c880@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Found Dipole3.exe at <http://www.btinternet.com/~g4fgq.regp/page3.html#S301>
which may have replaced Dipole1.exe.
<<http://www.btinternet.com/~g4fgq.regp/dipole3.exe>>DIPOLE3 *
A dipole at any height + balanced line + balun + coax line + L-match tuner
L & C values.

This may do the same thing for you.

73 Hank K8DD

At 1/5/2004 11:28 PM, John Paul Keon wrote:

>Rick,
>If you figure out where you got that program,
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>
>John Paul, Raleigh, NC [AB4PP]//NNN UTV
>"Sir Scribemeister" of the Knightlites
><http://www.knightlites.org>
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>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Sent: Monday, January 05, 2004 8:27 PM
>Subject: 44' DOUBLET ?
>
>

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>

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>QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718,
>MQFD #1

>For info on MQFD, go to: <http://www.smartgroups.com/groups/mqfd>
>I'll give up CW & QRP when I'm dead ! MAYBE ! dididadidah

>

>

>

>-----
>The best thing to hit the internet in years - Juno SpeedBand!
>Surf the web up to FIVE TIMES FASTER!
>Only \$14.95/ month - visit www.juno.com to sign up today!

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.qsl.net/k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

If God intended you to be on single sideband, he would have given you only
one nostril.

- Steve, K2PTS (SK)

Date: Tue, 06 Jan 2004 01:11:58 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [164582] how to judge bands?
Message-ID: <6.0.1.1.2.20040106010917.01c63aa0@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

it is 1am, and i just had a little problem with my k1.. i got an e24 error,
but i got it fixed.. i played around on all the bands to see if i could get
it to go, but it doesn't look like anyone is out there..

my question..

and yes, i know i should know this.. but i have not REALLY been this active
in ham radio.. ever...

so.. my question is..

is there some guidelines as to when which bands are active?

should there not be anyone on the bands right now?

what band is open at this time of night?

thanks!

peace,
...sergio
photographer, journalist, visionary

www.village-buzz.com <- read my blog
www.coffee-black.com <- my photography

Date: Tue, 6 Jan 2004 02:27:36 -0500
From: "Dennis Payton" <n9jxy@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [164583] More Straight Key Promotion?

Message-ID: <006701c3d426\$8fe6f6f0\$812ba3d1@6300us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I sure wish operating straight key was promoted more. It seems to me that being able to properly form dits and dahs by hand is an important skill to practice, and that it should be promoted more than just on SKN. Especially when SKN is during a holiday when many of us have other obligations.

With all the QRP contests we have, isn't there any interest in a straight key QRP contest? Where forming your dits and dahs by hand is required? Even fellows who don't have a key could use their paddle as a key. Maybe it would be a mess or maybe most QRP'ers got their fill of operating straight key during their beginning years, I don't know, but I think it would be fun. Maybe part or all of the exchange could be to identify your key.

By the way, I was looking forward to the Spartan Sprint tonight so got home from work and ate supper, got out my SP rig, set everything up, laid down "for a few minutes" to rest before the contest, and woke up with three minutes left! I raced to the radio and heard a fellow calling SP, but just as I tuned him in, he disappeared, then it was over.

Denny Payton N9JXY
Auburn, IN

Date: Tue, 6 Jan 2004 06:36:56 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <lmairs@direcway.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164584] Re: A great second rig
Message-ID: <001201c3d449\$646ef400\$00fb4b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd like to ditto Lee's sentiments! I have one of these, which I purchased on closeout when they were discontinued. My Icom IC-751A is the reason why, if I ever buy a K2, it will be set up for QRP only. The IC-751A is a fantastic QRO rig; and someday they'll have to pry it out of my cold, dead fingers!

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net

<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

----- Original Message -----

From: "Lee Mairs" <lairs@direcway.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, January 05, 2004 10:57 PM

Subject: A great second rig

> If you are looking for something to back up your 2N2-40, then this
might be

> the thing for you.

>

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3069724259&category=40066>

> No interest other than a happy IC 751A (and the A is important!)
owner.

> 73 de Lee

> KM4YY/8

>

>

Date: Tue, 6 Jan 2004 05:18:35 -0700 (MST)

From: Karl Larsen <k5di@zianet.com>

To: Rick McKee <kc8aon@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [164585] Re: 44' DOUBLET ?

Message-ID: <Pine.LNX.4.44.0401060512330.5300-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jan 2004, Rick McKee wrote:

> I was just playing with a program that I downloaded sometime back that is
> called "Dipole1.exe" - don't remember where I downloaded it ! The

This is dangerous. It gets you away from reality.

>

> I put the 44' doublet into the program with 40' of cheap 300 ohm tv
> twinlead at a height of 40' for 10.110 mhz operation, and the program
> figured this to show a 1.1:1 swr at the rig end of the twinlead, with
> 89.4% efficiency !
>
> The question I have is, has anyone ever tried the 44' doublet fed with
> 300 ohm twinlead on 30 meters without using a tuner ? If this program is

Forget it! If your going to use the 44 or 88 foot dipole and
feed it in the middle, you need a tuner. And better use the 450 ohm
ribbon because it has low loss at high SWR.

The 44 foot dipole is in use all over by people who can't find
the room for the 88 foot dipole.

> telling the truth, it may be a simple way to squeeze a little more
> efficiency out of a simple 30 meter antenna without the need for the
> tuner ! Plus, the tuner could be used with it for bands above 30 meters
> ! Any of you antenna gurus out there that knows how to use "real"
> antenna modeling programs ever run this sort of thing on ezec or other
> programs ?

>
> And I know there are some out there that will say this won't work for
> some reason or other, so for you folks: No one ever told the bumble bee
> that it was scientifically impossible for him to fly either ! {{{grin}}}

>
> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
> SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
> QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718,
> MQFD #1

> For info on MQFD, go to: <http://www.smartgroups.com/groups/mqfd>
> I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

>
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 6 Jan 2004 06:14:42 -0700
From: "Dick Housden, W0NTA" <housden@comcast.net>
To: <qrp-l@lehigh.edu>
Subject: [164586] Re: SPARTAN tonite
Message-ID: <002501c3d457\$0c8b60d0\$0bc40918@yourtarbvp550m>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Seab, thanks for the nice QSO on 20 meters last evening. I could only imagine what it was like there in your "ice fishing house" in 20 degree snowy temperature. I was very comfortable in my 70+ degree shack. Hi. Making contacts like this one is liable to rekindle my interest in operating QRP with lousy antennas. I was using my K2 with a fullwave horizontal 20 meter loop hanging from the ceiling of my garage about nine feet off the floor. It is amazing to me that contacts can be made this way. I tried 40 meters using an attic inverted V that is resonant on 30 meters but only made about 9 contacts. I may try FYB0 again this year from my daughter's place in Wyoming. Had a ball last year until the thunder storm with snow came in and gave me some pretty good jolts until I figured out what was going on. Hi.

72, Dick, W0NTA
Greeley, CO

Date: Tue, 6 Jan 2004 08:32:49 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Hank Kohl K8DD" <k8dd@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164587] Re: 44' DOUBLET ?
Message-ID: <01d401c3d459\$94dd1300\$6601a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Thanks Hank, and Dennis. That is what I was looking for.
I also have a 80 meter mag loop I am trying to get together
and there is a formula on there for that too.
Appreciate that.

John Paul, Raleigh, NC [AB4PP]//NNN UTV

"Sir Scribemeister" of the Knightlites

<http://www.knightlites.org>

"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Subject: Re: 44' DOUBLET ?

Date: Tue, 6 Jan 2004 08:57:39 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <sergio@village-buzz.com>
Subject: [164588] Re: how to judge bands?
Message-ID: <000b01c3d45d\$0c479250\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sergio

It's not that hard, but it's not real obvious, either. The bands come an go in cycles, both seasonally, and in tune with the sunspot cycle. As if the 11 year cycle doesn't muck it up enough, the solar rotation plays a very significant role, so there is a solar rotational component of around 27 days, although it's not real precise.

Basically, in the summer the higher frequencies are open, in the winter the lower frequencies. In the daytime the higher frequencies, at night, the lower.

A good guide is to go to <http://www.qrz.com/solar.html> If the flux number is high, then the higher frequencies are more likely to be open, and will be open later at night. If the A index is high, then the signals will be weak. You like to see the A index in single digits, preferably 1 or 2. The flux will get above 200 during the peak of the solar cycle, and below 100 in the doldrums. It's helpful to look at this every day to get a feel for the ebb and flow of the numbers.

If you are nearer the poles, the higher frequencies will close sooner. Also, the closer you get to the poles, the more likely an aurora will create objectionable noise.

This time of year, in general expect 30/40 to be useable almost all the

time. 160/80 is still too noisy during the day to be very useful. 20 will shut down in the evening, how late depends on the flux and how close you are to the poles.

12/10/6 are a little different this time of the cycle. You generally won't get the normal F layer openings, but unusual events can cause them to open and be amazing when they are open. Unfortunately, it is a little rare compared to 80/40/20. In the late spring, there are sporadic E openings on those bands that can be very good and fairly predictable.

15 is weird. I think 15 is open almost whenever 20 is open, but the only time there is someone there to talk to is when there is a contest.

In addition to these more common modes, there is a grayline propagation. Basically, propagation seems to be quite good at times along the sunset line.

Once in a while the sun burps out a bunch of junk that hits the earth and causes a magnetic disturbance. When that happens, all the bands go dead for a while, but shortly afterward, there tends to be some unusual propagation that can make for some fun.

Hope this helps

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "sergio" <sergio@village-buzz.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 1:11 AM
Subject: how to judge bands?

>
> it is 1am, and i just had a little problem with my k1.. i got an e24
error,
> but i got it fixed.. i played around on all the bands to see if i could
get
> it to go, but it doesn't look like anyone is out there..
>
> my question..
>
> and yes, i know i should know this.. but i have not REALLY been this
active
> in ham radio.. ever...
>

> so.. my question is..
>
> is there some guidelines as to when which bands are active?
>
> should there not be anyone on the bands right now?
>
> what band is open at this time of night?
>
> thanks!
>
>
> ----
> peace,
> ...sergio
> photographer, journalist, visionary
>
> www.village-buzz.com <- read my blog
> www.coffee-black.com <- my photography
>
>

Date: Tue, 6 Jan 2004 07:16:06 -0500
From: kwike@gdls.com
To: qrp-1@Lehigh.EDU
Subject: [164589] Michigan QRP Net
Message-ID: <0F3E3EB4DF.C655D964-0N85256E13.00434C70@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Happy New Year to all. In the last net of 2003 we had six check-ins.
Conditions were good.

	S	R	
KB8BO	599	599	WEST BLOOMFIELD MI JOE
W2SH	579	589	MILLINGTON NJ CHARLES
W8IQB	569	599	BRISTOL MI LOWELL
WA8BXN	579	599	CLEVELAND OH MIKE
N1CUU	559		GETTYSBURG PA CARL
NA8M	579	569	GRAND RAPIDS MI JOHN

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern Time on
3.535 MHz. +/- QRM. All hams are welcome.

Ed
AB8DF

Waterford, MI

Date: Tue, 06 Jan 2004 10:03:01 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164590] The ARRL survey is gone.
Message-ID: <3FFACE25.B568BB18@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

The end results are not available either. Was anyone able to capture what the end results?

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Tue, 6 Jan 2004 09:19:12 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <kc8aon@juno.com>
Subject: [164591] Re: 44' DOUBLET ?
Message-ID: <002d01c3d468\$70c127e0\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Rick,
I ran the 44' doublet at 40' through EZNEC assuming medium ground and #22 wire. I get a slightly greater than 5:1 SWR across 30m at the antenna input. The 44' dipole is just slightly short of a 30m halfwave which is 46.3' by the formula.

I then used this calculator and input the antenna impedance
<http://fermi.la.asu.edu/w9cf/tran/>
with 40' of 300 ohm twinlead (actually 300 ohm tubular but probably little difference) and still got nearly 5:1 at the rig output/transmission line input. This makes sense because 40' is pretty close to a 30m halfwave times a .9 velocity factory on the transmission line. Since a transmission line halfwave reproduces the antenna input impedance at the rig that's essentially what you're

seeing.

FYI, by increasing the doublet length to 48' total you can bring the SWR down to slightly over 3:1 at the rig.

Good luck!

72/73,
Lew
N5ZE

Date: Tue, 6 Jan 2004 10:55:42 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164592] Re: The ARRL survey is gone.
Message-ID: <200401061055.43081.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Tuesday 06 January 2004 10:03 am, Alex wrote:
> The end results are not available either. Was anyone able to capture
> what the end results?
>
> 73,
> --Alex KR1ST
> <http://www.kr1st.com>

Gee I wonder why ?.....as it seems like the results from other polls taken as far back as 2000 are available on the results page.

Does anyone from the ARRL care to comment ? I am sure there is a good reason for this.

Vy 73;

Bob
w9ya

Date: Tue, 6 Jan 2004 16:19:56 +0000
From: <swells244@bellsouth.net>
To: <w9ya@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164593] Re: The ARRL survey is gone.
Message-ID:
<20040106161956.PGAJ1951.imf22aec.mail.bellsouth.net@mail.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

last night a 10 pm it was 30,000 to keep and 60 something thousand to drop. The numbers surprised me because they jumped so quick.

Steve

>
> From: w9ya <w9ya@arrl.net>
> Date: 2004/01/06 Tue PM 03:55:42 GMT
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: Re: The ARRL survey is gone.
>
> On Tuesday 06 January 2004 10:03 am, Alex wrote:
> > The end results are not available either. Was anyone able to capture
> > what the end results?
> >
> > 73,
> > --Alex KR1ST
> > <http://www.kr1st.com>
>
> Gee I wonder why ?.....as it seems like the results from other polls taken
> as far back as 2000 are available on the results page.
>
> Does anyone from the ARRL care to comment ? I am sure there is a good reason
> for this.
>
> Vy 73;
>
> Bob
> w9ya
>
>

Date: Tue, 6 Jan 2004 11:29:58 -0500
From: Brian <brian@iquest.net>
To: "" <swells244@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [164594] Re: The ARRL survey is gone.
Message-ID: <1073406598.3ffae286dc41a@webmail.iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Which makes me consider the possibility that a VB script was doing most of the voting.

Quoting "" <swells244@bellsouth.net>:

> last night a 10 pm it was 30,000 to keep and 60 something thousand to
> drop. The numbers surprised me because they jumped so quick.
> Steve
> >
> > From: w9ya <w9ya@arrl.net>
> > Date: 2004/01/06 Tue PM 03:55:42 GMT
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Subject: Re: The ARRL survey is gone.
> >
> > On Tuesday 06 January 2004 10:03 am, Alex wrote:
> > > The end results are not available either. Was anyone able to capture
> > > what the end results?
> > >
> > > 73,
> > > --Alex KR1ST
> > > <http://www.kr1st.com>
> > >
> > Gee I wonder why ?.....as it seems like the results from other polls
> taken
> > as far back as 2000 are available on the results page.
> >
> > Does anyone from the ARRL care to comment ? I am sure there is a good
> reason
> > for this.
> >
> > Vy 73;
> >
> > Bob
> > w9ya
> >
> >
>
>

Date: Tue, 6 Jan 2004 11:34:13 -0500
From: Brian <brian@iquest.net>
To: "" <kr1st@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164595] Re: The ARRL survey is gone.
Message-ID: <1073406853.3ffae3850b946@webmail.iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

The end results may not be available ever, because based on the numbers of voters that appeared in a short period of time, I think it would be safe to consider the possibility of a VB script or some other coded automatic poll voting scheme was employed along the way.

They might as well publish the falsified results, they're about as valid anyway. The poll was not scientific, nor was it tamper proof.

In other words, it's worthless.

Quoting Alex <kr1st@amsat.org>:

> The end results are not available either. Was anyone able to capture
> what the end results?
>
> 73,
> --Alex KR1ST
> <http://www.kr1st.com>
>

Date: Tue, 6 Jan 2004 09:40:41 -0700
From: w5xe@juno.com
To: qrp-1@lehigh.edu
Subject: [164596] Re: The ARRL survey is gone. - qrp item
Message-ID: <20040106.094041.-469479.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well the survey may be gone, maybe for results tabulation before having it entered with the list of the many other previous surveys.

However, in its absence, there is a very nice qrp article by Tony, K8ZT about QRP, part 1 of 2 parts. Have a look.

73

Ray

If you know the forest, you will not fear, If you do not know the forest, then you will fear the forest.'Luther Standing Bear'

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R

FP-111 QRP-ARCI 5784 El Paso,(FAR WEST)TEXAS

Date: Tue, 6 Jan 2004 11:41:45 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164597] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512413@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Last I recall, the "results" were about 11,000 votes, about 60% = pro-code, 40% against code and a tiny percentage feeling that BPL or = antenna ordinances were their primary goals.

Unfortunately, about 4 or 5 users appeared to have tried to cook the = books, in both pro- and anti-code directions, completely negating any = usefulness to the results. This was easily seen by seeing thousands of = identical votes come in rapidly from the same address. ARRL had never = seen any more than a few thousand votes on any subject, so the falsified = voting was pretty obvious even to the casual observer. Before that = happened, the pro/anti results were, from what I have been told, leaning = only slightly in one direction.

I don't know whether ARRL will try to correct the data, or just scrap it = altogether. While the ARRL web-page surveys are intended to be for = entertainment purposes only, the falsified results destroy even the = usefulness of that.

73,=20

Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU=20
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Alex
> Sent: Tuesday, January 06, 2004 10:03 AM
> To: Low Power Amateur Radio Discussion
> Subject: The ARRL survey is gone.
>=20
>=20
> The end results are not available either. Was anyone able to capture
> what the end results?=20
>=20
> 73,
> --Alex KR1ST
> <http://www.kr1st.com>
>=20

Date: Tue, 06 Jan 2004 11:44:20 -0500
From: Michael Neverdosky <mikenever@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [164598] Re: The ARRL survey is gone.
Message-ID: <3FFAE5E4.70ABE1CF@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like it was rendered useless by voting scripts.

michael N6CHV

swells244@bellsouth.net wrote:

>
> last night a 10 pm it was 30,000 to keep and 60 something thousand to drop. The
numbers surprised me because they jumped so quick.
> Steve

Date: Tue, 06 Jan 2004 10:46:38 -0600
From: John Oppenheimer <KN5L@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164599] Re: The ARRL survey is gone.
Message-ID: <3FFAE66E.9010803@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hmmmm, I wonder if someone did find the VB script that would circumvent the vote once check. I will guess yes and that the reality of that was easy to find in ARRL's HTTPD server logs.

Would be a good reason to pull the plug.

John

swells244@bellsouth.net wrote:

> last night a 10 pm it was 30,000 to keep and 60 something thousand to drop. The numbers surprised me because they jumped so quick.

> Steve

>

>>From: w9ya <w9ya@arrl.net>

>>Date: 2004/01/06 Tue PM 03:55:42 GMT

>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>>Subject: Re: The ARRL survey is gone.

>>

>>On Tuesday 06 January 2004 10:03 am, Alex wrote:

>>

>>>The end results are not available either. Was anyone able to capture

>>>what the end results?

>>>

>>>73,

>>>--Alex KR1ST

>>><http://www.kr1st.com>

>>

>>Gee I wonder why ?.....as it seems like the results from other polls taken

>>as far back as 2000 are available on the results page.

>>

>>Does anyone from the ARRL care to comment ? I am sure there is a good reason

>>for this.

>>

>>Vy 73;

>>

>>Bob

>>w9ya

>>

>>

>

>

>

Date: Tue, 6 Jan 2004 09:39:19 -0500

From: "Goody K3NG" <k3ng@qrpis.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [164600] Re: how to judge bands?

Message-ID: <002101c3d475\$2ccab490\$33c893cd@corp.fast.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> > is there some guidelines as to when which bands are active?

> >

> > should there not be anyone on the bands right now?

> >

> > what band is open at this time of night?

A quick way to tell what's open right now is to go to a DX cluster and look at the spots. From this you can see where the action is at the moment. (This isn't a substitute for understanding propagation, but it will help augment what you read and see it in action.)

A listing of and tutorial on telnet DX clusters is here:

<http://www.k6pbt.net/pbt/telnet.html>

Have fun with your K1 !

72

Goody

K3NG

Date: Tue, 06 Jan 2004 11:59:05 -0500

From: Ed Tanton <n4xy@earthlink.net>

To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>

Subject: [164601] Followup on YAH00 as SPAM...

Message-ID: <6.0.0.22.2.20040106114425.01fa7308@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Well... after getting my SPAM-anger under control, I started intensively checking for email rejections (to SPAMNIX's "Junk" file) of YAHOO-suffixed HR emails.

I take it ('angry email') the back: there ARE lots of hams using YAHOO-not the 2 or 3 daily I mentioned in that 'angry email'. Day by day, the filter catches them, and as it does, I set the individual YAHOO HR address to "Accept". Fewer and fewer daily have been tossed into the 'Junk' pile, and routed to the 'In' mailbox instead.

Another mass-email source is USA.Net: they have been on my reject list longer than YAHOO. Today, I got the 1st one of those with an HR address I've seen since I started using SPAMNIX with EUDORA. All it took was the same quick procedure: open the email, click on "+", and then click on the individual YAHOO HR address.

Presently SPAMNIX is rejecting maybe 150 SPAM emails daily. I still get perhaps 10-20 daily... depending on how many people have changed their-probably spoofed-email addresses AND reworded/misspelled the content of their emails. So, those numbers are a lot easier to accept. Probably needless to say: I highly recommend the combination of EUDORA & SPAMNIX.

Now if there was just a way to reject all this moaning about disappearing, probably meaningless, ARRL Surveys. [GRIN-Mostly kidding.]

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Tue, 6 Jan 2004 11:01:57 -0600
From: "John Bohnert" <johnb@elmhurst.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [164602] WTCPT Tips
Message-ID: <004101c3d476\$caf1f5b0\$707744ce@otc1197270>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for a source to purchase some WTCPT soldering iron tips for my
soldering station at a 'reasonable cost.' Any suggestions?

72
N9KW
John

Date: Tue, 6 Jan 2004 09:16:39 -0800 (PST)
From: Lee Boulineau <n4mvl@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164603] Re: WTCPT Tips
Message-ID: <20040106171639.16634.qmail@web21204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have used Wassco for tips, and have always gotten
good service!! YMMV, no connection, Yada Yada
Yada.....

Lee N4MVL
--- John Bohnert <johnb@elmhurst.edu> wrote:
> I am looking for a source to purchase some WTCPT
> soldering iron tips for my

> soldering station at a 'reasonable cost.' Any
> suggestions?
>
> 72
> N9KW
> John
>

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 12:23:24 -0500
From: Arthur Tan <ab4rl@lomag.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164604] Re: WTCPT Tips
Message-ID: <20040106172324.GD71630@shell.lomag.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

>From Lee Boulineau:

> I have used Wassco for tips, and have always gotten good service!!
> YMMV, no connection, Yada Yada Yada.....

On a related note, is there any benefit to sticking with real Weller tips? I always see that the Plato "clone tips" are much cheaper.

73, Art AB4RL

Date: Tue, 06 Jan 2004 12:25:39 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: sergio@village-buzz.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164605] Re: how to judge bands?
Message-ID: <3.0.6.32.20040106122539.007c3290@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sergio,

40 and 80 should be open all night, but at 1 am, most everyone has gone to bed! Unless there is a contest going on, the bands around here get mightly quiet after 9 pm or so. That must be lights out for the OTers :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 6 Jan 2004 12:34:40 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164606] Re: The ARRL survey is gone.
Message-ID: <200401061234.40572.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hey Brian, Steve, and the gang;

Nah, prolly something much simpler than a vb script....hi hi !!

It does make sense that the ARRL would just eliminate this survey under these circumstances, as placing a note as to why no results somewhere on the web site, even as a linked URL when asking for the results, would just tend to encourage more such behavior.

I really hadn't thought of such things when I asked for league input into why this was removed, but considering the report of such high numbers from Steve, this makes the most sense.

Vy 72;

Bob
w9ya

On Tuesday 06 January 2004 11:29 am, Brian wrote:
> Which makes me consider the possibilty that a VB script was doing most of
> the voting.

>
> Quoting "" <swells244@bellsouth.net>:
> > last night a 10 pm it was 30,000 to keep and 60 something thousand to
> > drop. The numbers surprised me because they jumped so quick.
> > Steve
> >
> > > From: w9ya <w9ya@arrl.net>
> > > Date: 2004/01/06 Tue PM 03:55:42 GMT
> > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > > Subject: Re: The ARRL survey is gone.
> > >
> > > On Tuesday 06 January 2004 10:03 am, Alex wrote:
> > > > The end results are not available either. Was anyone able to capture
> > > > what the end results?
> > > >
> > > > 73,
> > > > --Alex KR1ST
> > > > <http://www.kr1st.com>
> > > >
> > > Gee I wonder why ?.....as it seems like the results from other
> > > polls
> > >
> > taken
> > >
> > > as far back as 2000 are available on the results page.
> > >
> > > Does anyone from the ARRL care to comment ? I am sure there is a good
> > >
> > reason
> > >
> > > for this.
> > >
> > > Vy 73;
> > >
> > > Bob
> > > w9ya

Date: Tue, 6 Jan 2004 09:28:05 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: sergio@village-buzz.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164607] Re: how to judge bands?
Message-ID: <20040106172805.76799.qmail@web60806.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sergio -

a little practical info, i will reduce technical content mainly to keep this concise and easy to apply.

D-layer - it attenuates lower frequencies in the day-time. still you should generally have some range on 7 MHz during the daytime. but you will see 3.5 and 1.8 MHz propagation more greatly improve after sunset (e.g. over the entire propagation path).

F-layer - it weakens when sun goes away. (but keep in mind it may have gotten dark at your QTH but it may still be daylight along your path). what this means is higher frequencies need daylight someplace - but also note some of the best DX is in morning or early evening. practically, don't expect propagation on higher frequencies in the middle of the night (there are some exceptions during years of highest solar activity!).

skip zone - this means signals don't always come back to earth at closer distances. as you go up in frequency, the skip zone where you can't work closer stations expands.

also skip zone increases with decreasing solar activity. we see this on 7 MHz as this year we often can't work stations at night that are 500 or so miles away that we could work last year!

so at 1 am - expect activity (when there isn't a major solar disturbance) to be primarily on lower frequencies (certainly 3.5 MHz and most likely 7 MHz). there may be nothing on 14 MHz at all this time of the sunspot cycle. generally higher frequencies are dead.

as morning comes, look for higher frequencies to slowly open up and support propagation, the frequency ceiling being what solar activity allows. then the inverse happens as evening approaches. but remember this is path dependent across the globe.

bottom line - look for activity on 3.5 and 7 MHz at night, during day you will probably migrate to 7 MHz

and 14 MHz and even higher if propagation allows. (if you can operate at higher frequencies it generally means fewer hops and easier DX).

obviously, its more complex than this - but this picture should get you started! read the books while you have fun operating! (the books may not make sense until you operate a bunch and experience it all! and i left out sporadic E that will liven up 28 MHz and 50 MHz this spring even if solar activity falls greatly, but this is a much less reliable mode)

curt wb8yyy

```
--- sergio <sergio@village-buzz.com> wrote:
>
> it is 1am, and i just had a little problem with my
> k1.. i got an e24 error,
> but i got it fixed.. i played around on all the
> bands to see if i could get
> it to go, but it doesn't look like anyone is out
> there..
>
> my question..
>
> and yes, i know i should know this.. but i have not
> REALLY been this active
> in ham radio.. ever...
>
> so.. my question is..
>
> is there some guidelines as to when which bands are
> active?
>
> should there not be anyone on the bands right now?
>
> what band is open at this time of night?
>
> thanks!
>
>
> ----
> peace,
> ...sergio
> photographer, journalist, visionary
>
> www.village-buzz.com <- read my blog
> www.coffee-black.com <- my photography
```

>

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 12:44:05 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164608] Re: The ARRL survey is gone.
Message-ID: <200401061244.05278.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Wow Ed, thanxs for the quick and timely information. I wasn't really expecting an answer, as usually they are not forthcoming in such cases. I am truly impressed.

Thank you.

Vy 72;

Bob
w9ya

On Tuesday 06 January 2004 11:41 am, Hare,Ed, W1RFI wrote:

> Last I recall, the "results" were about 11,000 votes, about 60% pro-code,
> 40% against code and a tiny percentage feeling that BPL or antenna
> ordinances were their primary goals.
>
> Unfortunately, about 4 or 5 users appeared to have tried to cook the books,
> in both pro- and anti-code directions, completely negating any usefulness
> to the results. This was easily seen by seeing thousands of identical
> votes come in rapidly from the same address. ARRL had never seen any more
> than a few thousand votes on any subject, so the falsified voting was
> pretty obvious even to the casual observer. Before that happened, the
> pro/anti results were, from what I have been told, leaning only slightly in
> one direction.
>
> I don't know whether ARRL will try to correct the data, or just scrap it

> altogether. While the ARRL web-page surveys are intended to be for
> entertainment purposes only, the falsified results destroy even the
> usefulness of that.

>

> 73,

> Ed Hare, W1RFI

> ARRL Lab

> 225 Main St

> Newington, CT 06111

> Tel: 860-594-0318

> Internet: w1rfi@arrl.org

> Web: <http://www.arrl.org/tis>

>

> > -----Original Message-----

> > From: owner-qrp-l@Lehigh.EDU

> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> > Alex

> > Sent: Tuesday, January 06, 2004 10:03 AM

> > To: Low Power Amateur Radio Discussion

> > Subject: The ARRL survey is gone.

> >

> >

> > The end results are not available either. Was anyone able to capture

> > what the end results?

> >

> > 73,

> > --Alex KR1ST

> > <http://www.kr1st.com>

Date: Tue, 6 Jan 2004 09:42:29 -0800 (PST)

From: Curt Milton <wb8yyy@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [164609] RE: The ARRL survey is gone.

Message-ID: <20040106174229.89069.qmail@web60802.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Thanks Ed for the info and all you have been doing in
this area. Yes i thought we got a bit carried away!

BPL is a greater threat to our hobby than any of these
other things. We might have some choice on where we
live and how we do ham radio, but we have less
personal control over what the RF noise level will be
in our neighborhood. Maybe things are getting a

little brighter with some other parties presenting their objections that mirror ours. Widespread BPL would impact all HF hams regardless whether they operate mW's or a kW, CW or other modes. When I moved from dense suburbia to rural suburbia, my noise level went from a typical S3-4 to not moving the S meter - what joy! I don't want to see it up there or higher again based upon background noise. The other items reflect how different folk enjoy ham radio differently. As long as each of us can radiate a signal in our chosen mode, with our chosen type of equipment and antennas - and receive with a sufficiently low noise floor in reasonably managed spectrum, we should be content. We don't want to have to resort to operating our favorite simple QRP rig into a big amplifier (or necessarily only operate from the frontier) to use it! Meanwhile when there is a common enemy, hams of different interests should work together for the common good. Let's not let our feeling on mode of operation effect our collective effectiveness to sustain our hobby for ALL amateurs. Hopefully we can ring in 2005 with this BPL threat gone!

curt wb8yyy

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 06 Jan 2004 13:00:48 -0500
From: Lee Mairs <lairs@direcway.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164610] Re: A great second rig
Message-ID: <0ab101c3d47f\$069355c0\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> IC-751A is a fantastic QRO rig; and someday they'll have to pry it out
> of my cold, dead fingers!

Along with his Farmer's Almanac!

Lee

----- Original Message -----

From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <lmairs@direcway.com>; "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 6:36 AM
Subject: Re: A great second rig

> I'd like to ditto Lee's sentiments! I have one of these, which I
> purchased on closeout when they were discontinued. My Icom IC-751A is
> the reason why, if I ever buy a K2, it will be set up for QRP only. The
>

> 73 de Larry W2LJ - Vivat Morse!

>

> W2LJ@arrl.net

> <http://www.qsl.net/w2lj>

>

> ARRL Lifemember QRP ARCI #4488 NJQRP #47

> FISTS #1469 QRP-L #778 FP #612 QRPp-I #759

> ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

> ----- Original Message -----

> From: "Lee Mairs" <lmairs@direcway.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Monday, January 05, 2004 10:57 PM

> Subject: A great second rig

>

>

> > If you are looking for something to back up your 2N2-40, then this
> might be

> > the thing for you.

> >

> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3069724259&category=4>

> 0066

> > No interest other than a happy IC 751A (and the A is important!)
> owner.

> > 73 de Lee

> > KM4YY/8

> >

> >

>

>

>

Date: Tue, 06 Jan 2004 13:00:52 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164611] Re: WTCPT Tips
Message-ID: <6.0.0.22.2.20040106130007.01f0c3f0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My experiences with Plato tips have been just fine Art.

///snip

>On a related note, is there any benefit to sticking with real Weller
>tips? I always see that the Plato "clone tips" are much cheaper.

>

>73, Art AB4RL

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Tue, 6 Jan 2004 13:07:09 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164612] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512419@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I would like to think that I am always as forthcoming as I can be! :-)

I got the word from our webmaster that my speculation was indeed =
correct.=20

To quote Jon, "The polls are there just for fun. This poll was removed =
because a few idiots sucked=20
all the fun out by "stuffing the ballot box." (Feel free to quote me.)"

Jon is pretty "forthcoming" too. :-)

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU=20
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> w9ya
> Sent: Tuesday, January 06, 2004 12:44 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
> Wow Ed, thanxs for the quick and timely information. I wasn't=20
> really expecting=20
> an answer, as usually they are not forthcoming in such cases.=20
> I am truly=20
> impressed.
>=20

> Thank you.
>=20
> Vy 72;
>=20
> Bob
> w9ya
>=20
>=20
> On Tuesday 06 January 2004 11:41 am, Hare,Ed, W1RFI wrote:
> > Last I recall, the "results" were about 11,000 votes, about=20
> 60% pro-code,
> > 40% against code and a tiny percentage feeling that BPL or antenna
> > ordinances were their primary goals.
> >
> > Unfortunately, about 4 or 5 users appeared to have tried to=20
> cook the books,
> > in both pro- and anti-code directions, completely negating=20
> any usefulness
> > to the results. This was easily seen by seeing thousands=20
> of identical
> > votes come in rapidly from the same address. ARRL had never=20
> seen any more
> > than a few thousand votes on any subject, so the falsified=20
> voting was
> > pretty obvious even to the casual observer. Before that=20
> happened, the
> > pro/anti results were, from what I have been told, leaning=20
> only slightly in
> > one direction.
> >
> > I don't know whether ARRL will try to correct the data, or=20
> just scrap it
> > altogether. While the ARRL web-page surveys are intended to be for
> > entertainment purposes only, the falsified results destroy even the
> > usefulness of that.
> >
> > 73,
> > Ed Hare, W1RFI
> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
> >
> > > -----Original Message-----
> > > From: owner-qrp-l@Lehigh.EDU
> > > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> > > Alex
> > > Sent: Tuesday, January 06, 2004 10:03 AM
> > > To: Low Power Amateur Radio Discussion
> > > Subject: The ARRL survey is gone.
> > >
> > >
> > > The end results are not available either. Was anyone able=20
> to capture
> > > what the end results?
> > >
> > > 73,
> > > --Alex KR1ST
> > > <http://www.kr1st.com>
>=20
>=20

Date: Tue, 06 Jan 2004 13:43:16 -0500
From: Lee Mairs <lairs@direcway.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164613] Re: The ARRL survey is gone.
Message-ID: <0b4701c3d484\$f77a39e0\$0200a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

C'mon Ed. Even the League management should agree that 60-40 is not
"leaning only slightly"... In a Presidential election it would be termed a
landslide; however, I do agree that poll results are worthless since the
voter doesn't have to bare the costs and consequences of his vote.
73 de Lee
KM4YY/8

----- Original Message -----
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 11:41 AM
Subject: RE: The ARRL survey is gone.

Last I recall, the "results" were about 11,000 votes, about 60% pro-code,
40% against code and a tiny percentage feeling that BPL or antenna
ordinances were their primary goals.

Unfortunately, about 4 or 5 users appeared to have tried to cook the books,
in both pro- and anti-code directions, completely negating any usefulness to

the results. This was easily seen by seeing thousands of identical votes come in rapidly from the same address. ARRL had never seen any more than a few thousand votes on any subject, so the falsified voting was pretty obvious even to the casual observer. Before that happened, the pro/anti results were, from what I have been told, leaning only slightly in one direction.

I don't know whether ARRL will try to correct the data, or just scrap it altogether. While the ARRL web-page surveys are intended to be for entertainment purposes only, the falsified results destroy even the usefulness of that.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Alex
> Sent: Tuesday, January 06, 2004 10:03 AM
> To: Low Power Amateur Radio Discussion
> Subject: The ARRL survey is gone.
>
>
> The end results are not available either. Was anyone able to capture
> what the end results?
>
> 73,
> --Alex KR1ST
> <http://www.kr1st.com>
>

Date: Tue, 06 Jan 2004 10:40:20 -0800
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [164614] RE: A great second rig
Message-ID: <BLEKJMCJBOEAAIECDNNCMEKJIBAA.farson@shaw.ca>

MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Lee,

In many an English cathedral, one will see a stone tomb in the form of a large block with a life-size carving of some sainted king, lying peacefully on his back, his hands clutched reverently in prayer, a prayer-book on his chest, and his faithful dog curled up at his feet.

Now imagine a ham instead of the king, with his hands in the same attitude, an almanac on his chest, and his faithful IC-751A at his feet.

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Lee Mairs

Sent: Tuesday, January 06, 2004 10:01

To: Low Power Amateur Radio Discussion

Subject: Re: A great second rig

> IC-751A is a fantastic QRO rig; and someday they'll have to pry it out
> of my cold, dead fingers!

Along with his Farmer's Almanac!

Lee

----- Original Message -----

From: "Lawrence Makoski" <Makos327@worldnet.att.net>

To: <lmairs@direcway.com>; "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>

Sent: Tuesday, January 06, 2004 6:36 AM

Subject: Re: A great second rig

> I'd like to ditto Lee's sentiments! I have one of these, which I
> purchased on closeout when they were discontinued. My Icom IC-751A is
> the reason why, if I ever buy a K2, it will be set up for QRP only. The
>

> 73 de Larry W2LJ - Vivat Morse!

>

> W2LJ@arrl.net
> http://www.qsl.net/w2lj
>
> ARRL Lifemember QRP ARCI #4488 NJQRP #47
> FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
> ARS #1528 --- K1 #1647 --- AmQRP, CQC #746
> ----- Original Message -----
> From: "Lee Mairs" <lmairs@direcway.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Monday, January 05, 2004 10:57 PM
> Subject: A great second rig
>
>
> > If you are looking for something to back up your 2N2-40, then this
> might be
> > the thing for you.
> >
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3069724259&category=4
> 0066
> > No interest other than a happy IC 751A (and the A is important!)
> owner.
> > 73 de Lee
> > KM4YY/8
> >
> >
>
>
>

Date: Tue, 6 Jan 2004 10:53:17 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: w9ya@arrl.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164615] Re: The ARRL survey is gone.
Message-ID: <20040106185317.35107.qmail@web41005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- w9ya <w9ya@arrl.net> wrote:
> Wow Ed, thanxs for the quick and timely information.
> I wasn't really expecting
> an answer, as usually they are not forthcoming in
> such cases.

Ed is not only "they," he is also "us!" 8^D

LL

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes

<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 14:03:36 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [164616] RE: The ARRL survey is gone.

Message-ID: <721D3436A7C2B344A301FD4A413C71A9017358DF@kosh.arrlhq.org>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

> They might as well publish the falsified results, they're about as =
valid=20

> anyway. The poll was not scientific, nor was it tamper proof.=20

> In other words, it's worthless.

I agree. The polls on the ARRL website truly are intended just for fun. =

While I think that to some=20

extent, some general conclusions can be drawn from some of the results, =

they are not intended to=20

be scientific; were not designed as such and HQ staff and our Board =

should not draw on them to=20

set ARRL policy.

I will take it further and say that even a scientifically designed poll =
is not the best tool to use to set

policy. In having folks check a box, there is no way to know whether =

they checked the box at=20

random or whether they spent hours of research finding the right answer. =

There is no way of=20

knowing how strongly they feel about the box they checked and there is a =

wealth of information=20

that can be conveyed by some that just doesn't come across in a checked =
box.

IMHO, most matters of import to amateur radio should be settled by those =

who are directly
involved and knowledgeable in the subject at hand. Would you want to =
see ARRL set its
policies wrt QRP based on a "majority rules" checkbox, or after =
receiving knowledgeable
input and dialogue from the QRP community?

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Brian
> Sent: Tuesday, January 06, 2004 11:34 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
> The end results may not be available ever, because based on=20
> the numbers of=20
> voters that appeared in a short period of time, I think it=20
> would be safe to=20
> consider the possibility of a VB script or some other coded=20
> automatic poll=20
> voting scheme was employed along the way.
>=20
> They might as well publish the falsified results, they're=20
> about as valid=20
> anyway. The poll was not scientific, nor was it tamper proof.=20
>=20
> In other words, it's worthless.
>=20
>=20
>=20
>=20
> Quoting Alex <kr1st@amsat.org>:
>=20
> > The end results are not available either. Was anyone able to capture
> > what the end results?=20

> >=20
> > 73,
> > --Alex KR1ST
> > <http://www.kr1st.com>
> >=20
>=20
>=20
>=20

Date: Tue, 06 Jan 2004 14:03:54 -0500
From: w2bvh <w2bvh@comcast.net>
To: Eleccraft@mailman.qth.net, glowbugs@piobaire.mines.uidaho.edu,
njqrp@njqrp.org,
Subject: [164617] Source for HP 8640B Sig Gen Manual
Message-ID: <3FFB069A.8020708@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi,

I have an HP 8640B SigGen that works fb, except that the hf (10MHz - 512 MHz) part of the external signal counter is non-functional. I'd like to see if I can do something about getting it to work, but need some pages out of the manual before attempting to work on it. If you know where I can find the info, I'd appreciate it.

BTW, I have the manual for the military version of the 8640B (AN/USM323) on CD, but that version does not include the external count feature ;-(

Direct responses will ease bandwidth on the reflector.

73 & TIA,
Lenny W2BVH

Date: Tue, 6 Jan 2004 13:03:55 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w1rfi@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164618] Re: The ARRL survey is gone.
Message-ID: <027e01c3d487\$d54e0740\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed, apart from the negative outcome, I think that this "exercise in fun" illustrates the point that almost everyone takes anything on the web page as gospel and fully representative of the ARRL and any of its positions. Just not the place for having "fun."

Or, am I too "forthcoming?" <:}

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 12:07 PM
Subject: RE: The ARRL survey is gone.

> I would like to think that I am always as forthcoming as I can be! :-)
>
> I got the word from our webmaster that my speculation was indeed correct.
>
> To quote Jon, "The polls are there just for fun. This poll was removed
because a few idiots sucked
> all the fun out by "stuffing the ballot box." (Feel free to quote me.)"
>
> Jon is pretty "forthcoming" too. :-)
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
>
>
> > -----Original Message-----
> > From: owner-qrp-l@Lehigh.EDU
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> > w9ya
> > Sent: Tuesday, January 06, 2004 12:44 PM

> > To: Low Power Amateur Radio Discussion
> > Subject: Re: The ARRL survey is gone.
> >
> >
> > Wow Ed, thanxs for the quick and timely information. I wasn't
> > really expecting
> > an answer, as usually they are not forthcoming in such cases.
> > I am truly
> > impressed.
> >
> > Thank you.
> >
> > Vy 72;
> >
> > Bob
> > w9ya
> >
> >
> > On Tuesday 06 January 2004 11:41 am, Hare,Ed, W1RFI wrote:
> > > Last I recall, the "results" were about 11,000 votes, about
> > > 60% pro-code,
> > > 40% against code and a tiny percentage feeling that BPL or antenna
> > > ordinances were their primary goals.
> > >
> > > Unfortunately, about 4 or 5 users appeared to have tried to
> > > cook the books,
> > > in both pro- and anti-code directions, completely negating
> > > any usefulness
> > > to the results. This was easily seen by seeing thousands
> > > of identical
> > > votes come in rapidly from the same address. ARRL had never
> > > seen any more
> > > than a few thousand votes on any subject, so the falsified
> > > voting was
> > > pretty obvious even to the casual observer. Before that
> > > happened, the
> > > pro/anti results were, from what I have been told, leaning
> > > only slightly in
> > > one direction.
> > >
> > > I don't know whether ARRL will try to correct the data, or
> > > just scrap it
> > > altogether. While the ARRL web-page surveys are intended to be for
> > > entertainment purposes only, the falsified results destroy even the
> > > usefulness of that.
> > >
> > > 73,
> > > Ed Hare, W1RFI

> > > ARRL Lab
> > > 225 Main St
> > > Newington, CT 06111
> > > Tel: 860-594-0318
> > > Internet: w1rfi@arrl.org
> > > Web: <http://www.arrl.org/tis>
> > >
> > > > -----Original Message-----
> > > > From: owner-qrp-1@Lehigh.EDU
> > > > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > > > Alex
> > > > Sent: Tuesday, January 06, 2004 10:03 AM
> > > > To: Low Power Amateur Radio Discussion
> > > > Subject: The ARRL survey is gone.
> > > >
> > > >
> > > > The end results are not available either. Was anyone able
> > to capture
> > > what the end results?
> > > >
> > > > 73,
> > > > --Alex KR1ST
> > > > <http://www.kr1st.com>
> >
> >

Date: Tue, 6 Jan 2004 14:05:43 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164619] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512421@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The day that ARRL doesn't represent "fun" in amateur radio, I am outa' =
here, man! :-)) It sure ain't the money that keeps most staff here!

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111

Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: George, W5YR [mailto:w5yr@att.net]
> Sent: Tuesday, January 06, 2004 2:04 PM
> To: Hare,Ed, W1RFI; Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
> Ed, apart from the negative outcome, I think that this=20
> "exercise in fun"
> illustrates the point that almost everyone takes anything on=20
> the web page as
> gospel and fully representative of the ARRL and any of its=20
> positions. Just
> not the place for having "fun."
>=20
> Or, am I too "forthcoming?" <:}
>=20
> 73, George W5YR
> w5yr@att.net
>=20
>=20
>=20
> ----- Original Message -----=20
> From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, January 06, 2004 12:07 PM
> Subject: RE: The ARRL survey is gone.
>=20
>=20
> > I would like to think that I am always as forthcoming as I=20
> can be! :-)
> >
> > I got the word from our webmaster that my speculation was=20
> indeed correct.
> >
> > To quote Jon, "The polls are there just for fun. This poll=20
> was removed
> because a few idiots sucked
> > all the fun out by "stuffing the ballot box." (Feel free to=20
> quote me.)"
> >
> > Jon is pretty "forthcoming" too. :-)

> >
> > 73,
> > Ed Hare, W1RFI
> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
> >
> >
> >
> > > -----Original Message-----
> > > From: owner-qrp-1@Lehigh.EDU
> > > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > > w9ya
> > > Sent: Tuesday, January 06, 2004 12:44 PM
> > > To: Low Power Amateur Radio Discussion
> > > Subject: Re: The ARRL survey is gone.
> > >
> > >
> > > Wow Ed, thanxs for the quick and timely information. I wasn't
> > > really expecting
> > > an answer, as usually they are not forthcoming in such cases.
> > > I am truly
> > > impressed.
> > >
> > > Thank you.
> > >
> > > Vy 72;
> > >
> > > Bob
> > > w9ya
> > >
> > >
> > > On Tuesday 06 January 2004 11:41 am, Hare,Ed, W1RFI wrote:
> > > > Last I recall, the "results" were about 11,000 votes, about
> > > > 60% pro-code,
> > > > 40% against code and a tiny percentage feeling that BPL=20
> > > > or antenna
> > > > ordinances were their primary goals.
> > > >
> > > > Unfortunately, about 4 or 5 users appeared to have tried to
> > > > cook the books,
> > > > in both pro- and anti-code directions, completely negating
> > > > any usefulness
> > > > to the results. This was easily seen by seeing thousands
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> > > > votes come in rapidly from the same address. ARRL had never
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> > > > than a few thousand votes on any subject, so the falsified
> > > voting was
> > > > pretty obvious even to the casual observer. Before that
> > > happened, the
> > > > pro/anti results were, from what I have been told, leaning
> > > only slightly in
> > > > one direction.
> > > >
> > > > I don't know whether ARRL will try to correct the data, or
> > > just scrap it
> > > > altogether. While the ARRL web-page surveys are=20
> intended to be for
> > > > entertainment purposes only, the falsified results=20
> destroy even the
> > > > usefulness of that.
> > > >
> > > > 73,
> > > > Ed Hare, W1RFI
> > > > ARRL Lab
> > > > 225 Main St
> > > > Newington, CT 06111
> > > > Tel: 860-594-0318
> > > > Internet: w1rfi@arrl.org
> > > > Web: <http://www.arrl.org/tis>
> > > >
> > > > > -----Original Message-----
> > > > > From: owner-qrp-1@Lehigh.EDU
> > > > > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > > > > Alex
> > > > > Sent: Tuesday, January 06, 2004 10:03 AM
> > > > > To: Low Power Amateur Radio Discussion
> > > > > Subject: The ARRL survey is gone.
> > > > >
> > > > >
> > > > > The end results are not available either. Was anyone able
> > > to capture
> > > > what the end results?
> > > >
> > > > > 73,
> > > > > --Alex KR1ST
> > > > > <http://www.kr1st.com>
> > >
> > >
>=20
>=20

Date: Tue, 6 Jan 2004 11:20:10 -0800 (PST)
From: Shawn Upton <kb1ckt@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [164620] Bad WM-2 Movement?
Message-ID: <20040106192010.99907.qmail@web60403.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I got an Oakhills WM-2 for Christmas, but I think the meter is bad. Right out of the box, the movement did not sit at or near zero; moving it required sharp raps on the side to get it to move. After assembling the kit, I started the calibration routine, and I can get the voltages required, but the movement still did not move. Ideas? I opened up the meter to see if there was something jamming it but I could not find anything amiss. Maybe it just needs some oil?

Thanks

KB1CKT

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 14:25:58 -0500
From: Arthur Tan <ab4rl@lomag.net>
To: qrp-1@lehigh.edu
Subject: [164621] Re: WTCPT Tips
Message-ID: <20040106192557.GB346@shell.lomag.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

>From Ed Tanton:

> My experiences with Plato tips have been just fine Art.

Hi Ed (and the others),

Thanks for the tips...so to speak :)

73, Art AB4RL

Date: Tue, 06 Jan 2004 11:36:24 -0800
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [164622] RE: The ARRL survey is gone.
Message-ID: <BAY9-F198BkeDs9PC1P00006f80@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ed W1RFI wrote:

>Unfortunately, about 4 or 5 users appeared to have tried
>to cook the books, in both pro- and anti-code directions,
>completely negating any usefulness to the results. This
>was easily seen by seeing thousands of identical votes
>come in rapidly from the same address. ARRL had never
>seen any more than a few thousand votes on any subject,
>so the falsified voting was pretty obvious even to the casual
>observer. Before that happened, the pro/anti results were,
>from what I have been told, leaning only slightly in one direction.

I'm reminded of the note on Slashdot's polls: "This whole thing is wildly inaccurate. Rounding errors, ballot stuffers, dynamic IPs, firewalls. If you're using these numbers to do anything important, you're insane."

I hope the ARRL aren't deciding policy based solely on these polls.

Depending on the sophistication of the scripting at the other end, it rarely takes more than 4 lines of perl to make a ballot stuffer. VB is for script kiddies. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 16.05 N 122 56.92 W - Hospital/Shafte

STOP MORE SPAM with the new MSN 8 and get 2 months FREE★
<http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca>

Date: Tue, 6 Jan 2004 14:57:52 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164623] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A90251242A@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

And on this forum, I am 90% us!

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Lloyd Lachow
> Sent: Tuesday, January 06, 2004 1:53 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
>=20
> --- w9ya <w9ya@arrl.net> wrote:
> > Wow Ed, thanxs for the quick and timely information.
> > I wasn't really expecting=20
> > an answer, as usually they are not forthcoming in
> > such cases.=20
>=20
>=20
> Ed is not only "they," he is also "us!" 8^D
>=20
> LL
>=20

> -----
> Do you Yahoo!?
> Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
> <http://hotjobs.sweepstakes.yahoo.com/signingbonus>
>=20

Date: Tue, 6 Jan 2004 14:59:45 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164624] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A90251242B@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

At the point it had 11,000 votes, the ballot was already in the process =
of being stuffed. At an earlier=20
stage, with a more normal ~2000 votes, the two subjects were pretty =
close to being tied. If I recall
what WK3C told me, the no-code votes were slightly ahead.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU=20
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Lee Mairs
> Sent: Tuesday, January 06, 2004 1:43 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
> C'mon Ed. Even the League management should agree that 60-40 is not
> "leaning only slightly"... In a Presidential election it=20
> would be termed a

> landslide; however, I do agree that poll results are=20
> worthless since the
> voter doesn't have to bare the costs and consequences of his vote.
> 73 de Lee
> KM4YY/8
>=20
>=20
> ----- Original Message -----=20
> From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, January 06, 2004 11:41 AM
> Subject: RE: The ARRL survey is gone.
>=20
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>=20
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> the results. This was easily seen by seeing thousands of=20
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> obvious even to the casual observer. Before that happened,=20
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> results were, from what I have been told, leaning only slightly in one
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> altogether. While the ARRL web-page surveys are intended to be for
> entertainment purposes only, the falsified results destroy even the
> usefulness of that.
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> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>=20

>=20

>=20

> > -----Original Message-----

> > From: owner-qrp-l@Lehigh.EDU

> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> > Alex

> > Sent: Tuesday, January 06, 2004 10:03 AM

> > To: Low Power Amateur Radio Discussion

> > Subject: The ARRL survey is gone.

> >

> >

> > The end results are not available either. Was anyone able to capture
> > what the end results?

> >

> > 73,

> > --Alex KR1ST

> > <http://www.kr1st.com>

> >

>=20

>=20

Date: Tue, 6 Jan 2004 15:08:28 -0500

From: brewerj@squared.com

To: qrp-l@lehigh.edu

Cc: k5di@zianet.com

Subject: [164625] Re: Tubes? and GT??

Message-ID: <0F992675F0.D614FFF9-

0N85256E13.006DB4E6-85256E13.006EEE20@CIS.SQUARED.COM>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

In regards the reason for the invention of the metal tube envelope....

Karl Larsen opines:

" The correct reason is that soldiers in tents are less likely to
bust a metal 6L6."

Actually, that's probably not correct. The metal tube was introduced in 1935 in
commercial
electronics.

"GT" Stands for "Glass Tubular"

Keeping the filaments lit,
John K5MO

Date: Tue, 6 Jan 2004 14:12:34 -0600
From: <k6whp@verizon.net>
To: <qrp-1@Lehigh.EDU>
Subject: [164626] (OT) VX-2 Programming Cable
Message-ID: <20040106201234.0FGQ3734.out006.verizon.net@outgoing.verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth, but I have "googled" my fingers off trying to find information on the fabrication of a *programming* (not cloning) cable for Yaesu's new VX-2 with no luck. I was wondering if any out there could help with connections, plug type, etc.

..hey, it's a 1.5-watt transciever, isn't it?

My sincere gratitude.

Bill, k6whp

Date: Tue, 6 Jan 2004 12:19:11 -0800 (PST)
From: Shawn Upton <kb1ckt@yahoo.com>
To: Steve Smith <sigcom@juno.com>
Cc: qrp-1@lehigh.edu
Subject: [164627] Re: Bad WM-2 Movement?
Message-ID: <20040106201911.39283.qmail@web60402.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I opened it up already and didn't seem much in the way of preventing movement; I don't recall being very impressed by how easily the needle moved (meaning it didn't move that easily with the cover off). I'll look again tonight, and try to ohm it out. I'll make note to not put oil in.

Thanks.

KB1CKT

--- Steve Smith <sigcom@juno.com> wrote:
> Sometimes there is a shorting clip between the
> terminals on the back of
> the meter to prevent the needle from slamming around
> during shipping.
>
> The only other thing I can suggest is to measure the
> meter out of circuit
> with an Ohm meter to see if the coil is open.
>
> No oil! :-)
>
> 73.....Steve Smith WB6TNL
> Oxnard, CA USA
> "Snort Rosin"

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 14:21:55 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w1rifi@arrl.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [164628] Re: The ARRL survey is gone.
Message-ID: <02e801c3d492\$be7331c0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let me try again, Ed.

I recommend that anything on the ARRL website that is intended "for fun" be so identified. Otherwise, I stand by my observation - as exemplified by the outcome of the recent poll - that everything on the website is taken as ARRL position and gospel.

My take is that either it is "official" or it is "for fun" and should be identified as such.

My comments have nothing to do with ARRL "having fun" or the staff loving their jobs. May that continue forever! I am still having fun after 57+ years of hamming!

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 1:05 PM
Subject: RE: The ARRL survey is gone.

> The day that ARRL doesn't represent "fun" in amateur radio, I am outa'
here, man! :-) It sure ain't the money that keeps most staff here!

>

> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>

Date: Tue, 06 Jan 2004 15:30:36 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164629] Re: The ARRL survey is gone.
Message-ID: <3FFB1AEC.B224B165@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Hare,Ed, W1RFI" wrote:

> In having folks check a box, there is no way to know whether they
> checked the box at random or whether they spent hours of research finding the
right
> answer.

What is the right answer when you ask someone what his or her biggest
concern is in 2004 regarding amateur radio?

> IMHO, most matters of import to amateur radio should be settled by those who are
directly
> involved and knowledgeable in the subject at hand.

That's what Chaney said when he wrote the invitations to Enron representatives to come visit him in the White House to help him drawing up energy policies. :-)

> Would you want to see ARRL set its
> policies wrt QRP based on a "majority rules" checkbox, or after receiving knowledgeable
> input and dialogue from the QRP community?

The problem with the CW issue is that it is also a membership (and funding) issue for the ARRL. QRP isn't.

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Tue, 6 Jan 2004 15:32:33 -0500
From: "Walt Amos" <waltk8cvamos@aaaahawk.com>
To: <farson@shaw.ca>
Subject: [164630] Re: A great second rig
Message-ID: <006501c3d494\$38b96bb0\$f2c83f40@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, when you TOUR EUROPE you soon find out there is only a TOKEN bone in the crypt as they have been made a saint or something and the body torn apart and bits and pieces sent all over CHRISTENDOM so the faithful can share in the

So the saintly IC-751A will be torn apart by SCAVENGERS to create QRP RIGS by FLYING PIGS or maybe even FOXES !! :-)

Wally Baloooooooooooooooooooo

----- Original Message -----
From: "Adam Farson" <farson@shaw.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 1:40 PM
Subject: RE: A great second rig

> Hi Lee,
>

> In many an English cathedral, one will see a stone tomb in the form of a
> large block with a life-size carving of some sainted king, lying
peacefully
> on his back, his hands clutched reverently in prayer, a prayer-book on his
> chest, and his faithful dog curled up at his feet.
>
> Now imagine a ham instead of the king, with his hands in the same
attitude,
> an almanac on his chest, and his faithful IC-751A at his feet.
>
> Cheers for now, 73,
> Adam VA7OJ/AB4OJ
>
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Lee Mairs
> Sent: Tuesday, January 06, 2004 10:01
> To: Low Power Amateur Radio Discussion
> Subject: Re: A great second rig
>
>
> > IC-751A is a fantastic QRO rig; and someday they'll have to pry it out
> > of my cold, dead fingers!
>
> Along with his Farmer's Almanac!
>
> Lee
>
>
> ----- Original Message -----
> From: "Lawrence Makoski" <Makos327@worldnet.att.net>
> To: <lmairs@direcway.com>; "Low Power Amateur Radio Discussion"
> <qrp-1@Lehigh.EDU>
> Sent: Tuesday, January 06, 2004 6:36 AM
> Subject: Re: A great second rig
>
>
> > I'd like to ditto Lee's sentiments! I have one of these, which I
> > purchased on closeout when they were discontinued. My Icom IC-751A is
> > the reason why, if I ever buy a K2, it will be set up for QRP only. The
> >
> > 73 de Larry W2LJ - Vivat Morse!
> >
> > W2LJ@arrl.net
> > <http://www.qsl.net/w2lj>
> >
> > ARRL Lifemember QRP ARCI #4488 NJQRP #47

> > FISTS #1469 QRP-L #778 FP #612 QRPP-I #759
> > ARS #1528 --- K1 #1647 --- AmQRP, CQC #746
> > ----- Original Message -----
> > From: "Lee Mairs" <lairs@direcway.com>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Monday, January 05, 2004 10:57 PM
> > Subject: A great second rig
> >
> >
> > > If you are looking for something to back up your 2N2-40, then this
> > might be
> > > the thing for you.
> > >
> > <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3069724259&category=4>
> > 0066
> > > No interest other than a happy IC 751A (and the A is important!)
> > owner.
> > > 73 de Lee
> > > KM4YY/8
> > >
> > >
> >
> >
> >
>
>

Date: Tue, 6 Jan 2004 12:32:09 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'k6whp@verizon.net'" <k6whp@verizon.net>,
"Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [164631] RE: (OT) VX-2 Programming Cable
Message-ID: <BF889CEBEFD2D511B993009027F60ABEC0BF9B@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

k6whp@verizon.net <mailto:k6whp@verizon.net> scribbled on Tuesday, January
06, 2004 12:13 PM:

> Sorry for the bandwidth, but I have "googled" my fingers off trying
> to find information on the fabrication of a *programming* (not
> cloning) cable for Yaesu's new VX-2 with no luck. I was wondering if
> any out there could help with connections, plug type, etc.

>
> ..hey, it's a 1.5-watt transciever, isn't it?
>
> My sincere gratitude.
>
> Bill, k6whp

Bill,

Try here: <http://mywpages.comcast.net/sllewd/> I can't get to that page right now for some reason, but if memory serves, I'm pretty sure this site has info on making a cable for the VX-5 and VX-2...

72

.mark

Date: Tue, 6 Jan 2004 15:46:08 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jpkeon@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164632] Re: 44' DOUBLET ?
Message-ID: <009f01c3d496\$80809840\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Subject: Re: 44' DOUBLET ?
>

Bottom line is just do it. You can fight the 'perfect match' all day long, but the guy running crap can have it set up, working tons of contacts, and be packed away and gone before you get one peep.

But... Figure on a tuner no matter what. Especially when running weird combos of desired band on certain lengths.

Personally, I have a dipole cut for 40M, and I run it on 80 through 10. Yeah, it works better on some bands than others. And the tuner in my K2 clicks a bit when I tell it to make it work. But it works, and I'm on the air. Well, usually, it's on the ground right now, a victim of winter storms.

I feed my antenna with 300 twinlead. I bought the 'good stuff' that looks to be 18ga wire on each side with a heavy 'rubberized' plastic and it's fine. When I go camping, I truck another antenna along. Same dimensions, but this one is 24ga speaker wire split to single lines, and I use the cheap 300 twinlead that has clear plastic and looks like 22 or 24ga wire in it. But it's only up for a week at a time, at most.

Would 450 ladder be better? I'm sure. Well, not so sure. Probably depends on the band. But it sure ain't worth the hassle when I can get 300 for pennies and pick it up at Radio Shack or even some of the local discount stores.

Mike

Date: Tue, 6 Jan 2004 14:00:25 -0700
From: "John" <digi2@earthlink.net>
To: <kb1ckct@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [164633] Re: Bad WM-2 Movement?
Message-ID: <002401c3d498\$1c1547a0\$6401a8c0@HP5400>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mine did the same thing. It was fixed by removing the static charge on the plastic face. I don't recall how I did it but it was something simple like wiping it with a damp cloth.

John K7SVV

----- Original Message -----
From: "Shawn Upton" <kb1ckct@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 12:20 PM
Subject: Bad WM-2 Movement?

> I got an Oakhills WM-2 for Christmas, but I think the
> meter is bad. Right out of the box, the movement did
> not sit at or near zero; moving it required sharp raps
> on the side to get it to move. After assembling the
> kit, I started the calibration routine, and I can get
> the voltages required, but the movement still did not

> move. Ideas? I opened up the meter to see if there
> was something jamming it but I could not find anything
> amiss. Maybe it just needs some oil?
>
> Thanks
>
> KB1CKT
>
>
> -----
> Do you Yahoo!?
> Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
> <http://hotjobs.sweepstakes.yahoo.com/signingbonus>
>

Date: Tue, 6 Jan 2004 15:50:38 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <johnb@elmhurst.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164634] Re: WTCPT Tips
Message-ID: <00b101c3d496\$be46cdc0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I am looking for a source to purchase some WTCPT soldering iron tips for
my
> soldering station at a 'reasonable cost.' Any suggestions?
>
> 72
> N9KW
> John

DigiKey has them. And a few others. Contact East used to carry them
as well as an aftermarket brand that included a 1/64" chisel tip. NICE
tip! I still have a few of those in my drawer that I won't part with. I
think it was a Plato or something similar.

Date: Tue, 6 Jan 2004 16:19:00 -0500
From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>

To: <qrp-1@Lehigh.EDU>
Subject: [164635] Spartan Sprint
Message-ID: <008f01c3d49a\$b48960a0\$9e6d1f18@BandE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Worked my first Sprint last night. We had very good conditions here in NC on 40 meters. I had a great time and look forward to the next Sprint. I made 36 QSOs in 19 states and one Canadian. Not bad for the first time out. Also gave my new AZ ScQRPion paddle a good work out. I love the feel, and they worked beautifully.

72
Brent WB4X

Date: Tue, 06 Jan 2004 16:21:24 -0500
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [164636] Re: Bad WM-2 Movement?
Message-ID: <5.2.0.9.0.20040106161602.00a2cd30@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My guess is that one of the ionic cleaning sprays like 409 would remove charges.
Avoid rubbing the plastic. A safe way to move the needle with the cover off is to blow on it.
My 2 cents :-)
Pete NV4V

At 04:00 PM 1/6/2004, John wrote:
> Mine did the same thing. It was fixed by removing the static charge on the
> plastic face. I don't recall how I did it but it was something simple like
> wiping it with a damp cloth.
>
> John K7SVV
>
> ----- Original Message -----
> From: "Shawn Upton" <kb1ckt@yahoo.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, January 06, 2004 12:20 PM

>Subject: Bad WM-2 Movement?

>

>

> > I got an Oakhills WM-2 for Christmas, but I think the
> > meter is bad. Right out of the box, the movement did
> > not sit at or near zero; moving it required sharp raps
> > on the side to get it to move. After assembling the
> > kit, I started the calibration routine, and I can get
> > the voltages required, but the movement still did not
> > move. Ideas? I opened up the meter to see if there
> > was something jamming it but I could not find anything
> > amiss. Maybe it just needs some oil?

> >

> > Thanks

> >

> > KB1CKT

> >

> >

> >

> > -----
> > Do you Yahoo!?

> > Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes

> > <http://hotjobs.sweepstakes.yahoo.com/signingbonus>

> >

Date: Tue, 06 Jan 2004 13:31:24 PST

From: James R Giammanco <n5ib@juno.com>

To: qrp-1@Lehigh.edu, RAllor@aol.com, m_anderson@cox.net, W5XU@cox.net,
wesw5dpm@eatel.net, cdore59@aol.com, kd5udb@amsat.org,

Subject: [164637] QRP via ALC on TS-430S

Message-ID: <20040106.162009.4663.3.n5ib@juno.com>

After much procrastination I finally sat down to cobble up an ALC voltage source to make my 1984 vintage TS-430S operate at QRP levels, even on SSB. The usual method was employed - apply a negative bias voltage to the ALC input on the accessory connector (pin 6 of the 7-pin DIN on the rear panel) From here at home there's no way to post a picture or sketch, so here's a "word picture :^))

The Parts:

9 V battery, battery clip, 100K trimpot, 240K resistor, 1/8" stereo jack, 1/8" stereo plug, 7-pin DIN plug, 18" of RG-174, Altoids tin (wintergreen preferred, peppermint OK)

The Circuit:

negative battery lead to high side of 100K pot
wiper of pot to TIP of stereo jack
bottom of pot to one end of 240K resistor
other end of 240 resistor to RING of stereo jack
positive battery lead to SLEEVE of stereo jack
SLEEVE of stereo jack to GND (soldered to the bottom of the tin) ...this
is already grounded by the mechanical mounting of the jack, but htis for
the belt *and* suspenders crowd

The trimpot was mounted Manhattan Style, with the pads glued directly to
the bottom of the tin. Press-on Velcro(r) holds the battery to the bottom
of the tin.

The Cable:

inner conductor of rig end of RG-174 to pin 6 of 7-pin DIN plug
braid of rig end of RG-174 to metal sleeve of 7-pin DIN plug
inner conductor of far end of RG-174 to TIP of stereo plug
braid of far end of RG-174 to SLEEVE of stereo plug
.....now for the good part.....
jumper between SLEEVE of stereo plug and RING of stereo plug

Plugging the stereo plug into the jack completes the battery circuit and
serves as the ON switch. Removing the plug turns it off and saves the
battery. Battery drain is only about 30 uA so it ought to last a long
time.

.....next good part.....

A

"peel-off-adhesive-sticky-backed-business-card-sized-flexible-refrigerator-magnet"
(POASBBCSFRM) was applied to the bottom of the Altoids tin. Since the
TS-430 has a ferrous metal cabinet, the gadget is held firmly in place
atop the rig. In operation, power output is now smootly adjustable from
the full 100 W all the way down to under 1 W. It ain't efficient - near 5
A for 1 W :^))
but is IS QRP...

72

Jim N5IB

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 6 Jan 2004 16:33:21 -0500
From: "Royce Simmons" <w2rbn@frontiernet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [164638] Tuning Knobs
Message-ID: <000801c3d49c\$b53f0a20\$6402a8c0@Belkin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Does anyone know where I can get the hardware that enables knobs to be used with variable capacitors such as are used in the BLT tuner kit? It seems to need metric screws that just are not available in this area. I also need mounting screws.

This is the same type of capacitor used in the "sniffer".

Sure would appreciate any help,

Royce

Date: Tue, 06 Jan 2004 13:36:10 -0800
From: Stephen Wandling <stephen@SwiftsureConsulting.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164639] Re: how to judge bands?
Message-ID: <3FFB2A4A.20200000@SwiftsureConsulting.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

John,

Thanks for your propagation info. It's one of those topics that is important at any time, but very relevant at the low points in the solar, where we find ourselves these days.

You point out the effects of the flux or A index being high and give some indications of optimum A and expected flux during the solar cycle, but I could use some more info on quantifying these numbers. E.g., Is

the A index *high* when it reaches 4? 5? 10? I have the same sort of question about the flux number. At what level do you consider it to be *high*? For those of us who haven't been following these numbers over the years and are just getting into this interesting subject, it would help to have some historical guidelines.

Thanks,

Stephen

John J. McDonough wrote:

>A good guide is to go to <http://www.qrz.com/solar.html> *If the flux number
>is high*, then the higher frequencies are more likely to be open, and will be
>open later at night. *If the A index is high*, then the signals will be weak.
>You like to see the A index in single digits, preferably 1 or 2. The flux
>will get above 200 during the peak of the solar cycle, and below 100 in the
>doldrums. It's helpful to look at this every day to get a feel for the ebb
>and flow of the numbers.
>

Date: Tue, 6 Jan 2004 13:46:13 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Dale Parfitt <par@parelectronics.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [164640] Re: QRP Gear
Message-ID: <20040106214613.44355.qmail@web60807.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Dale,

except for referring to output power being transmitted
i don't think we would quickly converge on a
definition of what is QRP. we all know it's making
contacts with less power, and generally most of us of
doing things very resourcefully across the board.

yes a QRP tuner is easy - it probably won't survive
operating at 100 watts.

referenced to a receiver, well its typically a
companion to a QRP transmitter - and note the past few
years (homebrew) QRP rigs have migrated from separate

units to transceivers. but we can't just measure the mA's into because depending upon application there is a place for receivers with stingey current draw in the field and higher performing ones like the K2 or multi-pig in our shacks.

QRP power supply that's easy - we don't need 20 Amps!

QRP antenna - well it is conceivable to have antennas that cannot handle much more than 5 watts (ok maybe there are some like the miracle whip), but in most cases you would not WANT to use such an antenna - for effective QRP one wants to minimize feed line and antenna losses - and almost by definition these will support higher power levels.

the real spirit of QRP is bringing hands-on technical work into ham radio - particularly the electronics part. that is what most of us are more concerned with versus necessarily the amount of power we transmit. five watts is just a convenient measuring stick and our chosen standard.

have fun! keep up with the imagination just don't get too bogged down with the legal stuff except in obeying laws, using good operating practices and rules for contests.

curt wb8yyy

--- Dale Parfitt <par@parelectronics.com> wrote:

> Bruce Muscolino wrote:

>

> Paul and the gang. Let me first ask what is a QRP

> antenna? Or for that

> matter, what is a QRP antenna tuner. The QRP

> designation applies to

> input or output POWER. It has nothing to do with

> rigs or antennas or

> anything else on your operating desk. If I were you

> I would write that

> down and refer to it before you make another

> posting.

>

> I would have to say that a QRP antenna would be one

> that is incapable of

> handling more than QRP power- as in:

> <http://www.eham.net/reviews/detail/3717>
> -----
> A QRP tuner would be one that for either I squared R
> reasons, or voltage
> breakdown is incapable of handling more than QRP
> power
>
> A bit of a stretch, but one might define a QRP RX as
> one that draws minimal
> current (making it ideal for portable work) and/or
> only tunes the QRP
> calling freqs.
>
> Am I missing something here?
> 73,
>
> Dale W40P
>

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Tue, 6 Jan 2004 15:11:24 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Stephen Wandling <stephen@SwiftsureConsulting.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [164641] Re: how to judge bands?
Message-ID: <Pine.LNX.4.44.0401061505140.5300-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 6 Jan 2004, Stephen Wandling wrote:

> John,
>
> Thanks for your propogation info. It's one of those topics that is
> important at any time, but very relevant at the low points in the solar,
> where we find ourselves these days.

Actually John did not give you all that the web page contains. I
have been following this web page and compare what it says to condtions
on 40 meters Wednesday at 02-0400 UTC (7 PM Tuesday in NM). The
web page does not do a good job predicting band conditions NOW. It

reports what happend earlier.

I have stopped using this web page to explain why I do not hear the Fox. Too often it says radio conditions are "normal".

>
> You point out the effects of the flux or A index being high and give
> some indications of optimum A and expected flux during the solar cycle,
> but I could use some more info on quantifying these numbers. E.g., Is
> the A index *high* when it reaches 4? 5? 10? I have the same sort of
> question about the flux number. At what level do you consider it to be
> *high*? For those of us who haven't been following these numbers over
> the years and are just getting into this interesting subject, it would
> help to have some historical guidelines.
>
> Thanks,
>
> Stephen
>
> John J. McDonough wrote:
>
> >A good guide is to go to <http://www.qrz.com/solar.html> *If the flux number
> >is high*, then the higher frequencies are more likely to be open, and will be
> >open later at night. *If the A index is high*, then the signals will be weak.
> >You like to see the A index in single digits, preferably 1 or 2. The flux
> >will get above 200 during the peak of the solar cycle, and below 100 in the
> >doldrums. It's helpful to look at this every day to get a feel for the ebb
> >and flow of the numbers.
> >
>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 6 Jan 2004 16:17:26 -0600
From: "sjolin" <sjolin@swbell.net>
To: <stephen@SwiftsureConsulting.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164642] Re: how to judge bands?
Message-ID: <106001c3d4a2\$dee50f90\$78d1fea9@DaveSjolin>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe he was referring to wanting the K index in single digits. A "K" value of 1 or 2 is very good. 3 is so-so. With K values above 4 or 5 conditions are going down hill. When K hits 8 or 9 you probably found out from the Internet or by telephone because you likely are having trouble hearing WWV or anything else. Sometimes when the K hits 9 you may question whether your receiver is working as nothing is coming through on any band.

FYI, I think the A value is the sum of the K values (given every 3 hours) over the course of the day. So if you had a K value of 2 throughout the day, your A value would be about 12. I saw the A values go as high as 300 or so back one day in the late 80's. I thought my receiver had been hit by lightning. Even the broadcast band was pretty much dead.

73 de Dave, N0IT

----- Original Message -----

From: "Stephen Wandling" <stephen@SwiftsureConsulting.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 3:36 PM
Subject: Re: how to judge bands?

> John,
>
> Thanks for your propagation info. It's one of those topics that is
> important at any time, but very relevant at the low points in the solar,
> where we find ourselves these days.
>
> You point out the effects of the flux or A index being high and give
> some indications of optimum A and expected flux during the solar cycle,
> but I could use some more info on quantifying these numbers. E.g., Is
> the A index *high* when it reaches 4? 5? 10? I have the same sort of
> question about the flux number. At what level do you consider it to be
> *high*? For those of us who haven't been following these numbers over
> the years and are just getting into this interesting subject, it would
> help to have some historical guidelines.
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> Thanks,
>
> Stephen
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> John J. McDonough wrote:
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> >A good guide is to go to <http://www.qrz.com/solar.html> *If the flux

number
> >is high*, then the higher frequencies are more likely to be open, and
will be
> >open later at night. *If the A index is high*, then the signals will be
weak.
> >You like to see the A index in single digits, preferably 1 or 2. The
flux
> >will get above 200 during the peak of the solar cycle, and below 100 in
the
> >doldrums. It's helpful to look at this every day to get a feel for the
ebb
> >and flow of the numbers.
> >
>

Date: Tue, 6 Jan 2004 16:23:05 -0600
From: "George, W5YR" <w5yr@att.net>
To: <brewerj@squared.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [164643] Re: Tubes? and GT??
Message-ID: <033501c3d4a3\$a99a8620\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

True - I have a 1935 Zenith radio in the garage that has metal tubes in it .
. .

73, George W5YR
w5yr@att.net

----- Original Message -----
From: <brewerj@squared.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 2:08 PM
Subject: Re: Tubes? and GT??

> In regards the reason for the invention of the metal tube envelope....
>
> Karl Larsen opines:
>

> " The correct reason is that soldiers in tents are less likely
to
> bust a metal 6L6."
>
> Actually, that's probably not correct. The metal tube was introduced in
1935 in commercial
> electronics.
>
> "GT" Stands for "Glass Tubular"
>
> Keeping the filaments lit,
> John K5MO
>
>

Date: Tue, 6 Jan 2004 17:31:33 -0500
From: "Mark Fancher" <mfancher@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164644] RE: how to judge bands?
Message-ID: <NHBBI0IMALAKNICFAPOFCECLCBAA.mfancher@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey, better yet, take the indices from these web pages and plug them into
ICEPAC (<http://elbert.its.bldrdoc.gov/>) and get a true picture of what
propagation will take your signals in the world. Just looking at the
indices themselves tells you nothing but generalities.

Don't forget the DX beacon system.

Mark, AA4MF

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Karl Larsen
Sent: Tuesday, January 06, 2004 5:11 PM
To: Low Power Amateur Radio Discussion
Subject: Re: how to judge bands?

On Tue, 6 Jan 2004, Stephen Wandling wrote:

> John,

>
> Thanks for your propagation info. It's one of those topics that is
> important at any time, but very relevant at the low points in the solar,
> where we find ourselves these days.

Actually John did not give you all that the web page contains. I have been following this web page and compare what it says to conditions on 40 meters Wednesday at 02-0400 UTC (7 PM Tuesday in NM). The web page does not do a good job predicting band conditions NOW. It reports what happened earlier.

I have stopped using this web page to explain why I do not hear the Fox. Too often it says radio conditions are "normal".

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> You point out the effects of the flux or A index being high and give
> some indications of optimum A and expected flux during the solar cycle,
> but I could use some more info on quantifying these numbers. E.g., Is
> the A index *high* when it reaches 4? 5? 10? I have the same sort of
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> *high*? For those of us who haven't been following these numbers over
> the years and are just getting into this interesting subject, it would
> help to have some historical guidelines.
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> Thanks,
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> Stephen
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> John J. McDonough wrote:
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> >A good guide is to go to <http://www.qrz.com/solar.html> *If the flux
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> >is high*, then the higher frequencies are more likely to be open, and
will be
> >open later at night. *If the A index is high*, then the signals will be
weak.
> >You like to see the A index in single digits, preferably 1 or 2. The
flux
> >will get above 200 during the peak of the solar cycle, and below 100 in
the
> >doldrums. It's helpful to look at this every day to get a feel for the
ebb
> >and flow of the numbers.
> >
>
>
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Tue, 6 Jan 2004 17:31:34 -0500
From: "Bill Acito W1PA" <w1pa@hotmail.com>
To: <qrp-1@Lehigh.EDU>
Subject: [164645] Re: Bad WM-2 Movement?
Message-ID: <BAY1-DAV37Dc47bnAHV0001e989@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Quick and slightly dirty:

The fumes/smoke from a burning lighter are also an excellent source of ions (static dissipation).

Obviously, you want to be very careful.... you don't need to be close enough to melt plastic or even get soot on the front meter face... just in the "fume stream".

Bill
w1pa

Date: Tue, 6 Jan 2004 14:37:55 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@lehigh.edu>
Subject: [164646] Drilled and Plain BLT Cases Available
Message-ID: <017501c3d4a5\$bc59cd00\$1fdbd7a8@Dougie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I will be taking delivery Friday of another run of BLT cases. These are the .062 aluminum cases that have a clamshell design, with a separate front and back panel held on by pem nuts. The case has countersunk screws, and is a very sturdy case. The size is 3" x 3" x 1.62". I have discovered that several (actually many of you) have purchased the old style BLT and did

not build it because you did not want to go through the hassle of building the pboard case. So, I ordered some extras, and while I was at it, ordered some plain cases the same size, but with no holes drilled in the front or back panel, so that they can be used for various projects.

Anyway, here is the deal. The drilled "BLT" case is \$16 including shipping and handling. The "Plain" case is \$13 including shipping and handling.

To order send a check or money order for the correct amount made out to Doug Hendricks to:

Doug Hendricks
BLT Case offer
862 Frank Ave.
Dos Palos, CA 93620

If you would send an email to ki6ds@dospalos.org, I will confirm that a case is being saved for you. Please do this whether you use paypal or regular mail.

If you would like to order via paypal, send your paypal orders to kits@amqrp.org and specify the cases that you want. The cost for Paypal orders will be \$17 for the BLT and \$14 for the Plain case.

And, we have plenty of the BLT kits available too. To see the BLT or to take a look at the case, go to:

<http://www.amqrp.org/kits/blt/index.html>

72, Doug

Date: Tue, 6 Jan 2004 17:38:16 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [164647] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512450@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Well, it is so identified now. See the disclaimer on the results.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: George, W5YR [mailto:w5yr@att.net]
> Sent: Tuesday, January 06, 2004 3:22 PM
> To: Hare,Ed, W1RFI; Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
> Let me try again, Ed.
>=20
> I recommend that anything on the ARRL website that is=20
> intended "for fun" be
> so identified. Otherwise, I stand by my observation - as=20
> exemplified by the
> outcome of the recent poll - that everything on the website=20
> is taken as
> ARRL position and gospel.
>=20
> My take is that either it is "official" or it is "for fun"=20
> and should be
> identified as such.
>=20
> My comments have nothing to do with ARRL "having fun" or the=20
> staff loving
> their jobs. May that continue forever! I am still having fun=20
> after 57+ years
> of hamming!
>=20
> 73, George W5YR
> w5yr@att.net
>=20
> ----- Original Message -----=20
> From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, January 06, 2004 1:05 PM
> Subject: RE: The ARRL survey is gone.
>=20
>=20

> > The day that ARRL doesn't represent "fun" in amateur radio,=20
> I am outa'
> here, man! :-)) It sure ain't the money that keeps most staff here!
> >
> > 73,
> > Ed Hare, W1RFI
> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
>=20
>=20

Date: Tue, 06 Jan 2004 17:38:06 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [164648] "light-emitting transistor that could revolutionize the
electronics industry"
Message-ID: <6.0.0.22.2.20040106173313.01f055b0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just read at Science Daily: "...light-emitting transistor that could
revolutionize the electronics industry..." . A transistor's base emits
light depending on its (base) current. All kinds of possibilities come to mind.

For example: "So far, the researchers have demonstrated the modulation of
light emission in phase with a base current in transistors operating at a
frequency of 1 megahertz. Much higher speeds are considered certain. "

Not to mention direct optical-digital conversions, etc. etc.

See Science Daily page:
<<http://www.sciencedaily.com/releases/2004/01/040106082752.htm>>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by

Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Tue, 6 Jan 2004 17:39:58 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [164649] RE: The ARRL survey is gone.
Message-ID: <721D3436A7C2B344A301FD4A413C71A902512451@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> The problem with the CW issue is that it is also a membership (and
> funding) issue for the ARRL. QRP isn't.

I bet that there are some on this list who would disagree, Alex. If ARRL =
were to stop
being supportive of QRP, how many members here would it lose?

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU=20
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Alex
> Sent: Tuesday, January 06, 2004 3:31 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The ARRL survey is gone.
>=20
>=20
> "Hare,Ed, W1RFI" wrote:
>=20
> > In having folks check a box, there is no way to know whether they
> > checked the box at random or whether they spent hours of=20
> research finding the right=20
> > answer.
>=20
> What is the right answer when you ask someone what his or her biggest
> concern is in 2004 regarding amateur radio?=20
>=20
> > IMHO, most matters of import to amateur radio should be=20
> settled by those who are directly
> > involved and knowledgeable in the subject at hand. =20
>=20
> That's what Chaney said when he wrote the invitations to Enron
> representatives to come visit him in the White House to help=20
> him drawing
> up energy policies. :-)
>=20
> > Would you want to see ARRL set its
> > policies wrt QRP based on a "majority rules" checkbox, or=20
> after receiving knowledgeable
> > input and dialogue from the QRP community?
>=20
> The problem with the CW issue is that it is also a membership (and
> funding) issue for the ARRL. QRP isn't.
>=20
> 73,
> --Alex KR1ST
> <http://www.kr1st.com>
>=20

Date: Tue, 6 Jan 2004 17:54:13 -0500
From: <bill@n4qa.com>

To: <qrp-1@Lehigh.EDU>
Subject: [164650] Re: The ARRL survey is gone.
Message-ID: <000301c3d4a8\$02ceb000\$0826ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ohhhhhhh...I get it... the surveys are just a big joke...ha ha ha ha ha ha
ha...

Y'all know that I can be pretty dense sometimes.

Somebody fill me in, please...which parts of the ARRL website are for real
and which are the joke...

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Tue, 6 Jan 2004 16:54:28 -0600
From: "George, W5YR" <w5yr@att.net>
To: <ki6ds@dospalos.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [164651] Re: Drilled and Plain BLT Cases Available
Message-ID: <036e01c3d4a8\$0b1e1160\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug, what is the recommended way to finish those cases? What sort of
primer, et al would be suggest be used? "In the old days" zinc chromate
primer had to be applied to de-greased aluminum in order to get any finish
to stay on.

73, George W5YR

w5yr@att.net

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 06, 2004 4:37 PM
Subject: Drilled and Plain BLT Cases Available

> Guys, I will be taking delivery Friday of another run of BLT cases. These
> are the .062 aluminum cases that have a clamshell design, with a separate
> front and back panel held on by pem nuts. The case has countersunk
screws,
> and is a very sturdy case. The size is 3" x 3" x 1.62". I have
discovered
> that several (actually many of you) have purchased the old style BLT and
did
> not build it because you did not want to go through the hassle of building
> the pcboard case. So, I ordered some extras, and while I was at it,
ordered
> some plain cases the same size, but with no holes drilled in the front or
> back panel, so that they can be used for various projects.

Date: Tue, 6 Jan 2004 14:55:30 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@lehigh.edu>
Subject: [164652] Correction on PayPal address for BLT Cases
Message-ID: <01ad01c3d4a8\$2f79c6d0\$1fdbd7a8@Dougie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, sorry about that, but I gave the wrong address for the paypal orders
for the drilled BLT or Plain BLT cases. Here is the correct one.

The PayPal account for NorCal kits is norcalkits@amqrp.org

Be sure to indicate that you are ordering a drilled or plain BLT case. 72,
Doug

Date: Tue, 06 Jan 2004 17:52:53 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Dennis Payton <n9jxy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [164653] Re: More Straight Key Promotion?
Message-ID: <3FFB3C45.BFC757CC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis.

>

> I sure wish operating straight key was promoted more. It seems to me that
> being able to properly form dits and dahs by hand is an important skill to
> practice, and that it should be promoted more than just on SKN. Especially
> when SKN is during a holiday when many of us have other obligations.

>

SKN is a nice change of routine every year. And yes, it is nice to see people stretch their skills. But read back over the comments on here. Notice the number of people who think it was a waste of time and was simply cluttering up their bands!

Now I think SKN has probably been cluttered up by folks letting older tube rigs out to play when they might better have been left sleeping! Perhaps we should ask the League to designate sloppy signal periods. And how dare you worry about our skill forming characters. Any paddle/keyer combination will form perfect characters every time if the operator has first heard it sent right and is fast enough!

Seriously, you are right about forming good, clean characters. You are also right about more SKN type activities. I have heard some say that the second ARCI contest could use some help. Their short sprints could feature SKN once in a while. Thanks for coming up with the idea. Let's see how long for a club to incorporate it!

Bruce

Date: Tue, 06 Jan 2004 18:02:39 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: n4xy@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [164654] Re: "light-emitting transistor that could revolutionize theelectronics industry"
Message-ID: <3FFB3E8F.9A5D892C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, let's see, we have glowbugs, what will we call these?
"Glow-worms?"

Tongue firmly planted in cheek!

Date: Tue, 6 Jan 2004 18:07:58 -0500
From: "Paul Womble" <pwomble@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [164655] ARRL Survey
Message-ID: <00d401c3d4a9\$ed07d1a0\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here is the rest of the story...

<http://www.arrl.org/news/stories/2004/01/06/100/?nc=1>

Paul K4FB

End of QRP-L Digest 3157

